THE ST. LAWRENCE SEAWAY
TRAFFIC REPORT — 1990 NAVIGATION SEASON

PREPARED BY

THE ST. LAWRENCE SEAWAY AUTHORITY

AND

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Editorial Notes

The Traffic Report for the St. Lawrence Seaway is an annual publication prepared jointly by The St. Lawrence Seaway Authority and the Saint Lawrence Seaway Development Corporation. Prior to 1983, the last jointly prepared Traffic Report was published in 1976. During the interim years, separate reports were published by the two entities.

The primary contents of this report is divided into four parts:

Part I - Table summaries of the 1990 St. Lawrence Seaway traffic activities by traffic sectors; the Montreal-Lake Ontario Section and the Welland Canal Section.

Part II - Table summaries of cargo and vessel movements though the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.

Part III - Table summaries of cargo and vessel movements through the Montreal-Lake Ontario Section of the St. Lawrence Seaway.

Part IV - Table summaries of cargo and vessel movements through the Welland Canal Section of the St. Lawrence Seaway.

As in past years, transits and gross registered tonnages for non-toll traffic are not included in this report.

Users of this report should note that all cargo and transit figures are based on the transit of at least one lock of the section of the Seaway for which statistics are given.

TABLE OF CONTENTS

	Page
PART I - St. Lawrence Seaway Toll Traffic	1
Definitions	3
Table 1T - Traffic Summary	5
Table 2T - Commodity Summary	6
Historical Table 3T - Tolls Revenue 1959 - 1990	7
Historical Table 4T - Actual Opening and Closing Dates of Navigation 1959-1990	8
PART II - Combined Toll Traffic for both Montreal-Lake Ontario and Welland Canal Sections	9
Table 1C - Traffic by Type of Vessel	10
Table 2C - Traffic by Origin of Cargo and Type of Vessel	11
Table 3C - Traffic by Class and Type of Vessel	12
Table 4C - Traffic by Type of Transit and Type of Vessel	13
Table 5C - Traffic by Origin and Destination	14
Table 6C - Traffic by Type of Cargo	15
Table 7C - Part A - Traffic by Type of Transit and Cargo (Upbound)	16
Table 7C - Part B - Traffic by Type of Transit and Cargo (Downbound)	17
Table 8C - Traffic by Country of Registry	18
Table 9C - Traffic by Classification and Type of Cargo	19
Table 10C - Part A - Traffic by Commodity Classification and Nationality (Upbound)	20
Table 10C - Part B - Traffic by Commodity Classification and Nationality (Downbound)	21
Table 11C - Traffic by Selected Canadian Ports	22
Table 12C - Traffic by Selected United States Ports	23
Table 13C - Traffic by Selected Foreign Countries	24
Historical Table 14C - Traffic Results 1959 - 1990	25
Historical Table 15C - Cargo by Tariff Classification 1959 - 1990	26
Historical Table 16C - Total Tolls Revenue 1959 - 1990	27

continued ...

TABLE OF CONTENTS

	Page
PART III - Toll Traffic for the Montreal-Lake Ontario Section	29
Table 1M - Traffic by Type of Vessel	30
Table 2M - Traffic by Origin of Cargo and Type of Vessel	31
Table 3M - Traffic by Class and Type of Vessel	32
Table 4M - Traffic by Type of Transit and Type of Vessel	33
Table 5M - Traffic by Origin and Destination	34
Table 6M - Traffic by Type of Cargo	35
Table 7M - Part A - Traffic by Type of Transit and Cargo (Upbound)	36
Table 7M - Part B - Traffic by Type of Transit and Cargo (Downbound)	37
Table 8M - Traffic by Country of Registry	38
Table 9M - Traffic by Classification and Type of Cargo	39
Table 10M - Part A - Traffic by Commodity Classification and Nationality (Upbound)	40
Table 10M - Part B - Traffic by Commodity Classification and Nationality (Downbound)	41
Table 11M - Traffic by Vessel Length	42
Table 12M - Traffic by Vessel Size in Gross Registered Tons	43
Table 13M - Traffic by Month and Type of Cargo	44
Historical Table 14M - Traffic Results 1959 - 1990	45
Historical Table 15M - Cargo by Tariff Classification 1959 - 1990	46
Historical Table 16M - Total Tolls Revenue 1959 - 1990	47
Historical Table 17M - Vessel Transits 1959 - 1990	48
Historical Table 18M - Vessel Analysis 1959 - 1990	49
Historical Table 19M - Cargo by Transit and Vessel 1959 - 1990	50
Historical Table 20M - Traffic by Vessel Length 1959 - 1990	51
Historical Table 21M - Commodity Groups 1959 - 1990	52
Historical Table 22M - Selected U.S. Grains 1959 - 1990	53
Historical Table 23M - Selected Canadian Grains 1959 - 1990	54
Historical Table 24M - Selected Mining Commodities 1959 - 1990	55
Historical Table 25M - Selected Processed Commodities 1959 - 1990	56
Historical Table 26M - Cargo Tonnes by Origin-Destination 1959 - 1990	57

continued ...

TABLE OF CONTENTS

	Page
PART IV - Toll Traffic for the Welland Canal Section	59
Table 1W - Traffic by Type of Vessel	60
Table 2W - Traffic by Origin of Cargo and Type of Vessel	61
Table 3W - Traffic by Class and Type of Vessel	62
Table 4W - Traffic by Type of Transit and Type of Vessel	63
Table 5W - Traffic by Origin and Destination	64
Table 6W - Traffic by Type of Cargo	65
Table 7W - Part A - Traffic by Type of Transit and Cargo (Upbound)	66
Table 7W - Part B - Traffic by Type of Transit and Cargo (Downbound)	67
Table 8W - Traffic by Country of Registry	68
Table 9W - Traffic by Classification and Type of Cargo	69
Table 10W - Part A - Traffic by Commodity Classification and Nationality (Upbound)	70
Table 10W - Part B - Traffic by Commodity Classification and Nationality (Downbound)	71
Table 11W - Traffic by Vessel Length	72
Table 12W - Traffic by Vessel Size in Gross Registered Tons	73
Table 13W - Traffic by Month and Type of Cargo	74
Historical Table 14W - Traffic Results 1959 - 1990	75
Historical Table 15W - Cargo by Tariff Classification 1959 - 1990	76
Historical Table 16W - Total Tolls Revenue 1959 - 1990	77
Historical Table 17W - Vessel Transits 1959 - 1990	78
Historical Table 18W - Vessel Analysis 1959 - 1990	79
Historical Table 19W - Cargo by Transit and Vessel 1959 - 1990	80
Historical Table 20W - Traffic by Vessel Length 1959 - 1990	81
Historical Table 21W - Commodity Groups 1959 - 1990	82
Historical Table 22W - Selected U.S. Grains 1959 - 1990	83
Historical Table 23W - Selected Canadian Grains 1959 - 1990	84
Historical Table 24W - Selected Mining Commodities 1959 - 1990	85
Historical Table 25W - Selected Processed Commodities 1959 - 1990	86
Historical Table 26W - Cargo Tonnes by Origin-Destination 1959 - 1990	87

continued ...

PART I

St. Lawrence Seaway Toll Traffic

Definitions

and 1990

Traffic Summaries

91-05385/

DEFINITIONS

In this report cargo quantities are recorded in metric tonnes. If required, short ton equivalences may be calculated by multiplying the metric quantities using the 1.1023 conversion factor. Historical cargo data, published in short tons prior to 1978, have been converted to metric equivalences.

For the interpretation of the tabulations contained in this traffic report, the following definitions should be noted:

a)	**Bulk Cargo**	The tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
b)	**Cargo Tonnes**	The tonnes of cargo carried by a vessel on each or any transit.
c)	**Coastal**	Means transits to or from the Maritimes and U.S. Atlantic Ports.
d)	**Commodity**	The classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United states.
e)	**Container Cargo**	The tonnes of containerized cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
f)	**Destination**	Means the country in which the cargo was unloaded and/or the transit terminated.
g)	**General Cargo**	The tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
h)	**Government Aid Cargo**	The tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
i)	**Grain Cargo**	The tonnes of cargo assessed at the Food or Feed Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
j)	**Gross Registered Tonnage**	The gross registered tonnage of a vessel according to the country of registry.
k)	**Inland**	Means transits to and from inland ports connected by water routes made navigable by one or more lock structures.
l)	**Mixed Cargo**	Indicates that a vessel carried any combination of Grains, Government Aid, Containers, General or Bulk cargoes.

m)	**Origin**	Means the country in which the cargo was loaded and/or the transit originated.
n)	**Overseas**	Means transits to or from Foreign Ports beyond the Coast of Canada and the United States.
o)	**Package Freight**	In the historical tables, designates cargo consisting of miscellaneous packages generally unidentifiable as to commodity and carried only on vessels licensed by the respective Authorities in Canada and the United States. This commodity classification is no longer applicable.
p)	**Transit**	A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway canal.
q)	**Tug and Barge Combinations**	The assessment of tolls requires tugs and barges in common transit to be considered as one unit. In this report the number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

It should be noted, in any analysis, that there is not necessarily a relationship between a specific "Commodity" classification and a "Tariff of Tolls" classification. Due to the method of packaging, handling, special refinements or other provisions, an otherwise identical commodity item may be classified in any of the Bulk, Grains, Government Aid, Containers or General tariff of tolls categories.

TRAFFIC SUMMARY

1990

TABLE 1T

TRAFFIC AND REVENUE	MONTREAL-LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
TRAFFIC	Tonnes and Transits	% of Total	Variance % 1989	Tonnes and Transits	% of Total	Variance % 1989
Cargo Tonnes by Toll Classification:						
Bulk	20 562 535	56.1	-2.1	23 788 081	60.4	-2.5
Grains	12 229 063	33.4	6.8	12 656 979	32.1	4.6
Government Aid	87 737	0.2	-48.0	67 217	0.2	-55.7
Containers	23 918	0.1	-24.6	12 025	0.0	-27.8
General Cargo	3 752 686	10.2	-14.9	2 873 598	7.3	-11.8
Cargo Tonnes - Total	36 655 939	100.0	-1.1	39 397 900	100.0	-1.3
Gross Registered Tonnage:						
Cargo Vessels	33 742 627	99.6	-3.5	44 442 635	99.7	-2.5
Non-Cargo Vessels	145 947	0.4	-15.3	139 889	0.3	-19.1
Gross Registered Tonnage - Total	33 888 574	100.0	-3.6	44 582 524	100.0	-2.5
Vessel Transits:						
Loaded Cargo Vessels	2 012	72.7	-2.9	2 157	60.3	-3.8
Ballast Cargo Vessels	469	16.9	1.3	1 072	30.0	2.9
Non-Cargo	287	10.4	23.7	348	9.7	11.2
Vessel Transits - Total	2 768	100.0	0.0	3 577	100.0	-0.6
	Number			Number		
Additional Information:						
Passengers (Number)	4 702	-	13.2	11 553	-	33.1
Pleasure Craft Lockages	15 676	-	14.7	8 008	-	-7.7
Containers (T.E.U.)	2 448	-	-9.4	1 259	-	-13.3
REVENUE	Revenue			Revenue		
Traffic Revenue ($) by Toll Classification:	$			$		
Bulk	18 553 925	50.2	2.1	10 546 700	33.2	1.3
Grains	6 962 498	18.8	12.6	5 769 689	18.2	10.3
Government Aid	-	0.0	-100.0	-	0.0	-100.0
Containers	21 812	0.1	-20.4	5 532	0.0	-24.5
General Cargo	8 416 175	22.8	-11.0	2 126 330	6.7	-8.1
Gross Registered Tonnage	2 975 847	8.0	-3.8	4 784 995	15.1	-2.8
Other	39 608	0.1	13.7	26 995	0.1	30.9
Lockage Fees	-	0.0	0.0	8 491 235	26.7	2.2
Traffic Revenue - Total	36 969 865	100.0	0.0	31 751 476	100.0	1.7

COMMODITY SUMMARY
1990

TABLE 2T

SUMMARY OF MAJOR COMMODITIES	MONTREAL-LAKE ONTARIO SECTION			WELLAND CANAL SECTION		
	Tonnes	% of Total	Variance % 1989	Tonnes	% of Total	Variance % 1989
Agricultural Products:						
Wheat	9 276 219	25.3	31.7	9 366 435	23.8	28.7
Corn	1 206 043	3.3	-41.2	1 392 679	3.5	-39.1
Rye	5 690	0.0	-77.6	5 690	0.0	-77.6
Oats	5 623	0.0	-69.6	5 623	0.0	-69.6
Barley	1 125 343	3.1	-8.5	1 125 343	2.9	-8.7
Soybeans	272 864	0.7	-59.7	364 755	0.9	-50.6
Flaxseed	165 696	0.5	-30.0	165 696	0.4	-30.0
Other Grains	324 217	0.9	-2.8	374 966	1.0	-8.8
Total Grains	12 381 695	33.8	6.6	12 801 187	32.5	4.7
Other Agricultural Products	5 678	0.0	-90.2	10	0.0	-100.0
Agricultural Products - Total	12 387 373	33.8	6.2	12 801 197	32.5	4.2
Mine Products:						
Iron Ore	11 527 835	31.4	3.1	7 483 022	19.0	2.6
Coal	489 355	1.3	-37.0	6 265 959	15.9	-0.9
Coke	946 154	2.6	-25.6	1 037 047	2.6	-26.6
Stone, Ground, Crushed, or Rough	715 708	2.0	59.5	1 781 614	4.5	50.1
Salt	1 183 829	3.2	-14.0	1 513 195	3.9	-30.5
Other Mine Products	1 680 185	4.6	-2.0	1 509 595	3.8	-10.5
Mine Products - Total	16 543 066	45.1	-1.4	19 590 432	49.7	-2.4
Processed Products:						
Iron and Steel	3 607 475	9.8	-13.8	2 764 197	7.0	-10.6
Fuel Oil	890 612	2.4	56.4	938 742	2.4	47.2
Other Petroleum Products	570 244	1.6	-12.6	292 029	0.8	-35.7
Chemicals	817 062	2.2	-0.3	684 828	1.7	-20.8
Other Processed Products	1 729 439	4.7	-24.1	2 257 799	5.7	-7.0
Processed Products - Total	7 614 832	20.8	-10.5	6 937 595	17.6	-7.2
Miscellaneous Cargo:						
Forest Products	64 676	0.2	34.8	59 501	0.2	69.2
Animal Products	45 992	0.1	-35.6	9 175	0.0	-74.2
Miscellaneous Cargo - Total	110 668	0.3	-7.3	68 676	0.2	-2.9
GRAND TOTAL	36 655 939	100.0	-1.1	39 397 900	100.0	-1.3

ST. LAWRENCE SEAWAY SYSTEM
TOLL REVENUE
(DOLLARS)

HISTORICAL TABLE 3T

YEAR	CANADA			UNITED STATES	COMBINED (1)
	Montreal-Lake Ontario Section	Welland Canal Section	Total	Montreal-Lake Ontario Section	Canada and U.S.
	$	$	$	$	$
1959 (2)	7 104 283	1 221 436	8 325 719	2 942 594	11 268 313
1960	7 177 432	1 318 357	8 495 789	2 931 627	11 427 416
1961	8 099 013	1 460 451	9 559 464	3 308 047	12 867 511
1962 (3)	8 928 090	640 193	9 568 283	3 646 685	13 214 968
1963	10 736 820	-	10 736 820	4 385 462	15 122 282
1964	13 550 525	-	13 550 525	5 534 722	19 085 247
1965	15 484 399	-	15 484 399	6 324 613	21 809 012
1966	17 277 397	-	17 277 397	7 056 965	24 334 362
1967 (4)	16 315 345	913 275	17 228 620	6 034 443	23 263 063
1968	18 168 871	1 749 165	19 918 036	6 719 994	26 638 030
1969	15 663 229	2 494 075	18 157 304	5 793 249	23 950 553
1970	18 591 443	3 533 405	[illegible]124 848	6 867 784	28 992 632
1971	20 016 608	4 331 602	[illegible]348 210	7 390 029	31 738 239
1972	19 940 726	4 242 605	[illegible]183 331	7 360 363	31 543 694
1973	20 362 905	4 232 455	24 595 360	7 531 486	32 126 846
1974	15 563 467	3 176 688	18 740 155	5 756 350	24 496 505
1975	16 492 316	3 720 018	20 212 334	6 099 898	26 312 232
1976	18 843 654	3 789 408	22 633 062	6 969 570	29 602 632
1977	22 461 583	4 030 938	26 492 521	8 307 708	34 800 229
1978 (5)	23 579 826	18 291 307	41 871 133	9 631 197	51 502 330
1979	25 464 676	21 241 630	46 706 306	10 401 065	57 107 371
1980	23 002 818	23 609 888	46 612 706	9 395 517	56 008 223
1981	24 432 396	23 092 629	47 525 025	9 979 429	57 504 454
1982 (6)	23 687 472	24 529 232	48 216 704	9 645 209	57 861 913
1983	26 813 636	28 144 615	54 958 251	10 867 254	65 825 505
1984	29 630 507	29 830 499	59 461 006	11 968 392	71 429 398
1985 (7)	24 558 924	23 268 763	47 827 687	9 006 703	56 834 390
1986 (8)	24 902 133	27 132 291	52 034 424	9 152 250	61 186 674
1987	25 952 068	29 676 213	55 628 281	9 529 531	65 157 812
1988	27 309 723	32 697 632	60 007 355	10 049 269	70 056 624
1989 (9)	27 740 243	31 218 256	58 958 499	9 225 817	68 184 316
1990	27 729 693	31 751 476	59 481 169	9 240 172	68 721 341
TOTAL	625 582 221	385 338 502	1 010 920 723	239 053 394	1 249 974 117

(1) Tolls are collected in Canadian and U.S. dollars as shown below. The combined total does not distinguish between currencies. Revenue data is sourced from calendar year traffic reports and will vary from annual financial reports.
(2) Montreal-Lake Ontario revenue split, Canada 71%, U.S. 29%, 1959 through 1966.
(3) Welland Canal tolls suspended July 18, 1962.
(4) Increasing schedule of lockage charges imposed on the Welland Canal, April 1, 1967. Montreal-Lake Ontario revenue split, Canada 73%, U.S. 27%, 1967 through 1977.
(5) System-wide 3-year phased toll increase. Welland Lockage fees replaced with commodity and GRT tolls. Montreal-Lake Ontario revenue split revised to: Canada 71%, U.S. 29%
(6) System-wide 2-year phased toll increase. Welland lockage fees reinstituted with commodity and GRT tolls.
(7) Montreal-Lake Ontario revenue split revised to: Canada 73%, U.S. 27%.
(8) Increased schedule of lockage fees and toll charges imposed on the Welland Canal, April 1, 1986, 1987 and 1988.
(9) System-wide 2-year phased toll increase. Montreal-Lake Ontario revenue split revised to: Canada 75%, U.S. 25%.

ACTUAL OPENING AND CLOSING DATES OF NAVIGATION

HISTORICAL TABLE 4T

YEAR	MONTREAL-LAKE ONTARIO			WELLAND CANAL SECTION		
	Opened	Closed	Days of Navigation	Opened	Closed	Days of Navigation
1959	April 25	December 3	223	April 6	December 15	254
1960	April 18	December 3	230	April 1	December 16	260
1961	April 15	December 7	237	April 1	December 16	260
1962	April 15	December 7	237	April 1	December 16	260
1963	April 15	December 13	243	April 1	December 18	262
1964	April 8	December 7	244	March 30	December 15	261
1965	April 8	December 17	254	April 1	December 16	260
1966	April 1	December 15	259	April 4	December 16	257
1967	April 7	December 16	254	April 1	December 16	260
1968	April 8	December 14	251	April 1	December 22	266
1969	April 7	December 15	253	April 1	December 22	266
1970	April 4	December 18	259	April 1	December 30	274
1971	April 14	December 20	251	March 29	January 8	286
1972	April 12	December 23	256	March 29	December 16	263
1973	March 28	December 22	270	March 28	January 4	283
1974	March 26	December 18	268	March 29	January 18	296
1975	March 25	December 21	272	March 25	December 31	282
1976	April 3	December 24	266	April 1	January 3	278
1977	April 4	December 26	267	April 4	December 31	272
1978	April 3	December 22	264	March 28	December 31	279
1979	April 2	December 22	265	March 28	December 29	277
1980	March 24	December 19	271	March 24	December 31	283
1981	March 25	December 20	271	March 25	December 27	278
1982	April 5	December 21	261	April 5	December 23	263
1983	March 31	December 19	264	April 5	December 27	267
1984	April 2	January 2	276	March 28	January 1	280
1985	April 1	December 30	274	April 1	December 30	274
1986	April 3	December 27	269	April 3	December 26	268
1987	March 31	December 26	271	April 1	December 28	272
1988	March 29	December 23	270	March 30	December 25	271
1989	March 30	December 23	269	March 31	December 23	268
1990	March 28	December 26	274	March 28	December 24	272

ACTUAL DATES

OPENING - The date the system opened for commercial navigation.

CLOSING - The date the last commercial vessel cleared the system.

PART II

St. Lawrence Seaway

Combined Toll Traffic

for both

Montreal-Lake Ontario

and

Welland Canal Sections

TRAFFIC BY TYPE OF VESSEL
1990

ST. LAWRENCE SEAWAY

TABLE 1C

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Cargo	957	524	1 481	22 829 405	15 768 660	6 082	-	16 839	2 798 398	18 589 979	38.4	31 367 581.55	45.6
Tug and Barge	29	59	88	233 851	106 925	-	-	-	180	107 105	0.2	268 161.27	0.4
Tanker	127	167	294	1 886 704	1 061 418	-	-	-	-	1 061 418	2.2	1 798 908.10	2.6
Non-Cargo	117	184	301	118 683	-	-	-	-	-	-	0.0	41 802.58	0.1
Total Up	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
Cargo	1 281	167	1 448	22 327 940	12 683 778	12 835 658	87 737	7 079	954 288	26 568 540	54.9	32 090 895.37	46.7
Tug and Barge	66	22	88	231 407	228 217	-	-	-	-	228 217	0.5	344 708.47	0.5
Tanker	227	65	292	1 854 275	1 851 612	-	-	-	-	1 851 612	3.8	2 767 454.42	4.0
Non-Cargo	120	178	298	122 826	-	-	-	-	-	-	0.0	41 829.57	0.1
Total Down	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
TOTALS:													
Cargo	2 238	691	2 929	45 157 345	28 452 438	12 841 740	87 737	23 918	3 752 686	45 158 519	93.3	63 458 476.92	92.3
Tug and Barge	95	81	176	465 258	335 142	-	-	-	180	335 322	0.7	612 869.74	0.9
Tanker	354	232	586	3 740 979	2 913 030	-	-	-	-	2 913 030	6.0	4 566 362.52	6.6
Non-Cargo	237	362	599	241 509	-	-	-	-	-	-	0.0	83 632.15	0.1
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL

1990

ST. LAWRENCE SEAWAY

TABLE 2C

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	653	440	1 093	17 306 996	14 477 079	6 064	-	-	3 557	14 486 700	29.9	20 013 276.93	29.1
Tug and Barge	28	54	82	219 374	106 749	-	-	-	180	106 929	0.2	255 361.96	0.4
Tanker	75	115	190	1 100 735	578 148	-	-	-	-	578 148	1.2	1 023 956.16	1.5
Non-Cargo	107	152	259	83 896	-	-	-	-	-	-	0.0	30 621.60	0.0
Total Canada	863	761	1 624	18 711 001	15 161 976	6 064	-	-	3 737	15 171 777	31.3	21 323 216.65	31.0
U.S.A.:													
Cargo	13	9	22	254 009	126 233	-	-	-	675	126 908	0.3	99 671.71	0.1
Tug and Barge	1	5	6	14 477	176	-	-	-	-	176	0.0	12 799.31	0.0
Tanker	8	47	55	309 472	77 081	-	-	-	-	77 081	0.2	219 616.44	0.3
Non-Cargo	10	28	38	20 170	-	-	-	-	-	-	0.0	9 800.64	0.0
Total U.S.A.	32	89	121	598 128	203 490	-	-	-	675	204 165	0.4	341 888.10	0.5
FOREIGN:													
Cargo	291	75	366	5 268 400	1 165 348	18	-	16 839	2 794 166	3 976 371	8.2	11 254 632.91	16.4
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	44	5	49	476 497	406 189	-	-	-	-	406 189	0.8	555 335.50	0.8
Non-Cargo	-	4	4	14 617	-	-	-	-	-	-	0.0	1 380.34	0.0
Total Foreign	335	84	419	5 759 514	1 571 537	18	-	16 839	2 794 166	4 382 560	9.1	11 811 348.75	17.2
Total Up	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
CANADA:													
Cargo	536	95	631	9 567 168	2 499 010	8 608 334	52 735	5 722	651 280	11 817 081	24.4	14 962 522.45	21.8
Tug and Barge	28	11	39	86 046	98 138	-	-	-	-	98 138	0.2	137 967.58	0.2
Tanker	199	57	256	1 641 048	1 692 015	-	-	-	-	1 692 015	3.5	2 495 521.18	3.6
Non-Cargo	110	143	253	95 293	-	-	-	-	-	-	0.0	30 837.82	0.0
Total Canada	873	306	1 179	11 389 555	4 289 163	8 608 334	52 735	5 722	651 280	13 607 234	28.1	17 626 849.03	25.6
U.S.A.:													
Cargo	745	72	817	12 760 772	10 184 768	4 227 324	35 002	1 357	303 008	14 751 459	30.5	17 128 372.92	24.9
Tug and Barge	38	11	49	145 361	130 079	-	-	-	-	130 079	0.3	206 740.89	0.3
Tanker	28	8	36	213 227	159 597	-	-	-	-	159 597	0.3	271 933.24	0.4
Non-Cargo	10	35	45	27 533	-	-	-	-	-	-	0.0	10 991.75	0.0
Total U.S.A.	821	126	947	13 146 893	10 474 444	4 227 324	35 002	1 357	303 008	15 041 135	31.1	17 618 038.80	25.6
Total Down	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
TOTALS:													
CANADA:	1 736	1 067	2 803	30 100 556	19 451 139	8 614 398	52 735	5 722	655 017	28 779 011	59.5	38 950 065.68	56.7
U.S.A.:	853	215	1 068	13 745 021	10 677 934	4 227 324	35 002	1 357	303 683	15 245 300	31.5	17 959 926.90	26.1
FOREIGN:	335	84	419	5 759 514	1 571 537	18	-	16 839	2 794 166	4 382 560	9.1	11 811 348.75	17.2
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1990

ST. LAWRENCE SEAWAY

TABLE 3C

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	304	106	410	5 808 217	1 307 933	18	-	16 839	2 796 808	4 121 598	8.5	11 464 860.02	16.7
Tanker	58	13	71	683 488	555 887	-	-	-	-	555 887	1.1	741 728.66	1.1
Total Ocean	362	119	481	6 491 705	1 863 820	18	-	16 839	2 796 808	4 677 485	9.7	12 206 588.68	17.8
LAKER:													
Cargo	653	418	1 071	17 021 188	14 460 727	6 064	-	-	1 590	14 468 381	29.9	19 902 721.53	29.0
Tug and Barge	29	59	88	233 851	106 925	-	-	-	180	107 105	0.2	268 161.27	0.4
Tanker	69	154	223	1 203 216	505 531	-	-	-	-	505 531	1.0	1 057 179.44	1.5
Total Laker	751	631	1 382	18 458 255	15 073 183	6 064	-	-	1 770	15 081 017	31.2	21 228 062.24	30.9
ALL OTHER:	117	184	301	118 683	-	-	-	-	-	-	0.0	41 802.58	0.1
Total Upbound	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
OCEAN:													
Cargo	349	54	403	5 703 477	1 465 235	2 505 599	87 737	7 079	944 892	5 010 542	10.4	8 963 341.78	13.0
Tanker	41	26	67	642 189	425 872	-	-	-	-	425 872	0.9	727 147.08	1.1
Total Ocean	390	80	470	6 345 666	1 891 107	2 505 599	87 737	7 079	944 892	5 436 414	11.2	9 690 488.86	14.1
LAKER:													
Cargo	932	113	1 045	16 624 463	11 218 543	10 330 059	-	-	9 396	21 557 998	44.5	23 127 553.59	33.7
Tug and Barge	66	22	88	231 407	228 217	-	-	-	-	228 217	0.5	344 708.47	0.5
Tanker	186	39	225	1 212 086	1 425 740	-	-	-	-	1 425 740	2.9	2 040 307.34	3.0
Total Laker	1 184	174	1 358	18 067 956	12 872 500	10 330 059	-	-	9 396	23 211 955	48.0	25 512 569.40	37.1
ALL OTHER:	120	178	298	122 826	-	-	-	-	-	-	0.0	41 829.57	0.1
Total Downbound	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
TOTALS:													
OCEAN:													
Cargo	653	160	813	11 511 694	2 773 168	2 505 617	87 737	23 918	3 741 700	9 132 140	18.9	20 428 201.80	29.7
Tanker	99	39	138	1 325 677	981 759	-	-	-	-	981 759	2.0	1 468 875.74	2.1
Total Ocean	752	199	951	12 837 371	3 754 927	2 505 617	87 737	23 918	3 741 700	10 113 899	20.9	21 897 077.54	31.9
LAKER:													
Cargo	1 585	531	2 116	33 645 651	25 679 270	10 336 123	-	-	10 986	36 026 379	74.4	43 030 275.12	62.6
Tug and Barge	95	81	176	465 258	335 142	-	-	-	180	335 322	0.7	612 869.74	0.9
Tanker	255	193	448	2 415 302	1 931 271	-	-	-	-	1 931 271	4.0	3 097 486.78	4.5
Total Laker	1 935	805	2 740	36 526 211	27 945 683	10 336 123	-	-	11 166	38 292 972	79.1	46 740 631.64	68.0
ALL OTHER:	237	362	599	241 509	-	-	-	-	-	-	0.0	83 632.15	0.1
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1990

ST. LAWRENCE SEAWAY

TABLE 4C

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	291	75	366	5 268 400	1 165 348	18	-	16 839	2 796 808	3 979 013	8.2	11 254 632.91	16.4
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	44	5	49	476 497	408 010	-	-	-	-	408 010	0.8	555 335.50	0.8
Total Overseas	335	80	415	5 744 897	1 573 358	18	-	16 839	2 796 808	4 387 023	9.1	11 809 968.41	17.2
INLAND:													
Cargo	613	444	1 057	16 665 633	13 652 165	6 064	-	-	1 590	13 659 819	28.2	19 291 731.06	28.1
Tug and Barge	28	59	87	233 570	106 749	-	-	-	180	106 929	0.2	267 972.30	0.4
Tanker	70	153	223	1 240 752	533 141	-	-	-	-	533 141	1.1	1 065 779.68	1.6
Total Inland	711	656	1 367	18 139 955	14 292 055	6 064	-	-	1 770	14 299 889	29.5	20 625 483.04	30.0
COASTAL:													
Cargo	53	5	58	895 372	951 147	-	-	-	-	951 147	2.0	821 217.58	1.2
Tug and Barge	1	-	1	281	176	-	-	-	-	176	0.0	188.97	0.0
Tanker	13	9	22	169 455	120 267	-	-	-	-	120 267	0.2	177 792.92	0.3
Total Coastal	67	14	81	1 065 108	1 071 590	-	-	-	-	1 071 590	2.2	999 199.47	1.5
NON-CARGO:													
Tug	-	73	73	10 825	-	-	-	-	-	-	0.0	4 628.00	0.0
All Other	117	111	228	107 858	-	-	-	-	-	-	0.0	37 174.58	0.1
Total Non-Cargo	117	184	301	118 683	-	-	-	-	-	-	0.0	41 802.58	0.1
Total Upbound	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
OVERSEAS:													
Cargo	346	28	374	5 393 493	1 447 923	2 505 599	87 737	7 079	942 672	4 991 010	10.3	8 864 942.30	12.9
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	32	20	52	501 226	339 093	-	-	-	-	339 093	0.7	601 303.71	0.9
Total Overseas	378	48	426	5 894 719	1 787 016	2 505 599	87 737	7 079	942 672	5 330 103	11.0	9 466 246.01	13.8
INLAND:													
Cargo	913	114	1 027	16 247 004	11 196 715	10 015 358	-	-	4 639	21 216 712	43.8	22 722 815.75	33.1
Tug and Barge	66	21	87	231 126	228 217	-	-	-	-	228 217	0.5	344 617.47	0.5
Tanker	178	43	221	1 218 847	1 367 503	-	-	-	-	1 367 503	2.8	1 928 666.11	2.8
Total Inland	1 157	178	1 335	17 696 977	12 792 435	10 015 358	-	-	4 639	22 812 432	47.1	24 996 099.33	36.4
COASTAL:													
Cargo	22	25	47	687 443	39 140	314 701	-	-	6 977	360 818	0.7	503 137.32	0.7
Tug and Barge	-	1	1	281	-	-	-	-	-	-	0.0	91.00	0.0
Tanker	17	2	19	134 202	145 016	-	-	-	-	145 016	0.3	237 484.60	0.3
Total Coastal	39	28	67	821 926	184 156	314 701	-	-	6 977	505 834	1.0	740 712.92	1.1
NON-CARGO:													
Tug	-	71	71	9 069	-	-	-	-	-	-	0.0	4 485.00	0.0
All Other	120	107	227	113 757	-	-	-	-	-	-	0.0	37 344.57	0.1
Total Non-Cargo	120	178	298	122 826	-	-	-	-	-	-	0.0	41 829.57	0.1
Total Downbound	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1990

TABLE 5C

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							ST. LAWRENCE SEAWAY REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	410	406	816	7 068 080	6 882 634	6 064	-	-	-	6 888 698	14.2	7 555 330.04	11.0
Canada - U.S.A.	453	355	808	11 642 921	8 279 342	-	-	-	3 737	8 283 079	17.1	13 767 886.61	20.0
Foreign - Canada	106	40	146	1 739 293	1 102 866	18	-	6 171	384 367	1 493 422	3.1	1 982 738.02	2.9
Total Canada	969	801	1 770	20 450 294	16 264 842	6 082	-	6 171	388 104	16 665 199	34.4	23 305 954.67	33.9
U.S.A. - Canada	17	56	73	486 256	188 144	-	-	-	675	188 819	0.4	286 212.43	0.4
U.S.A. - U.S.A.	15	33	48	111 872	15 346	-	-	-	-	15 346	0.0	55 675.67	0.1
Foreign - U.S.A.	229	44	273	4 020 221	468 671	-	-	10 668	2 409 799	2 889 138	6.0	9 828 610.73	14.3
Total U.S.A.	261	133	394	4 618 349	672 161	-	-	10 668	2 410 474	3 093 303	6.4	10 170 498.83	14.8
Total Upbound	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
Canada - Canada	671	265	936	8 766 979	2 999 590	7 924 496	-	-	-	10 924 086	22.6	14 050 298.68	20.4
Canada - U.S.A.	59	7	66	420 884	496 858	13 151	-	-	18 726	528 735	1.1	538 266.72	0.8
Canada - Foreign	143	34	177	2 201 692	792 715	670 687	52 735	5 722	632 554	2 154 413	4.5	3 038 283.63	4.4
Total Canada	873	306	1 179	11 389 555	4 289 163	8 608 334	52 735	5 722	651 280	13 607 234	28.1	17 626 849.03	25.6
U.S.A. - Canada	571	86	657	9 407 835	9 459 980	2 392 412	-	-	4 722	11 857 114	24.5	11 146 948.79	16.2
U.S.A. - U.S.A.	15	25	40	45 740	30 188	-	-	-	-	30 188	0.1	43 036.63	0.1
U.S.A. - Foreign	235	15	250	3 693 318	984 276	1 834 912	35 002	1 357	298 286	3 153 833	6.5	6 428 053.38	9.4
Total U.S.A.	821	126	947	13 146 893	10 474 444	4 227 324	35 002	1 357	303 008	15 041 135	31.1	17 618 038.80	25.6
Total Downbound	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
TOTALS:													
Canada - Canada	1 081	671	1 752	15 835 059	9 882 224	7 930 560	-	-	-	17 812 784	36.8	21 605 628.72	31.4
Canada - U.S.A.	512	362	874	12 063 805	8 776 200	13 151	-	-	22 463	8 811 814	18.2	14 306 153.33	20.8
Canada - Foreign	143	34	177	2 201 692	792 715	670 687	52 735	5 722	632 554	2 154 413	4.5	3 038 283.63	4.4
Foreign - Canada	106	40	146	1 739 293	1 102 866	18	-	6 171	384 367	1 493 422	3.1	1 982 738.02	2.9
Total Canada	1 842	1 107	2 949	31 839 849	20 554 005	8 614 416	52 735	11 893	1 039 384	30 272 433	62.5	40 932 803.70	59.6
U.S.A. - Canada	588	142	730	9 894 091	9 648 124	2 392 412	-	-	5 397	12 045 933	24.9	11 433 161.22	16.6
U.S.A. - U.S.A.	30	58	88	157 612	45 534	-	-	-	-	45 534	0.1	98 712.30	0.1
U.S.A. - Foreign	235	15	250	3 693 318	984 276	1 834 912	35 002	1 357	298 286	3 153 833	6.5	6 428 053.38	9.4
Foreign - U.S.A.	229	44	273	4 020 221	468 671	-	-	10 668	2 409 799	2 889 138	6.0	9 828 610.73	14.3
Total U.S.A.	1 082	259	1 341	17 765 242	11 146 605	4 227 324	35 002	12 025	2 713 482	18 134 438	37.5	27 788 537.63	40.4
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1990

TABLE 6C

ST. LAWRENCE SEAWAY

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	900	-	900	12 314 653	16 807 060	-	-	-	-	16 807 060	34.7	21 359 855.30	31.1
Grains	2	-	2	32 296	-	6 064	-	-	-	6 064	0.0	7 792.49	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	158	-	158	2 212 194	-	-	-	-	1 994 715	1 994 715	4.1	6 574 633.33	9.6
Mixed	55	-	55	952 751	129 943	18	-	16 839	803 863	950 663	2.0	2 823 547.65	4.1
Passengers	115	-	115	30 986	-	-	-	-	-	-	0.0	20 729.85	0.0
In Ballast - Overseas	-	80	80	1 046 483	-	-	-	-	-	-	0.0	316 884.56	0.5
- Inland	-	656	656	8 298 441	-	-	-	-	-	-	0.0	2 326 857.24	3.4
- Coastal	-	14	14	94 063	-	-	-	-	-	-	0.0	28 267.75	0.0
- Non-Cargo	-	184	184	86 776	-	-	-	-	-	-	0.0	17 885.33	0.0
Total Upbound	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7
DOWNBOUND:													
Bulk	872	-	872	11 060 408	14 566 344	-	-	-	-	14 566 344	30.1	15 364 562.07	22.4
Grains	507	-	507	8 047 748	-	11 254 149	-	-	-	11 254 149	23.2	14 106 432.73	20.5
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.1	25 752.40	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	74	-	74	945 229	-	-	-	-	826 325	826 325	1.7	2 452 438.47	3.6
Mixed	117	-	117	1 726 769	197 263	1 581 509	20 520	7 079	127 963	1 934 334	4.0	2 794 438.33	4.1
Passengers	120	-	120	32 591	-	-	-	-	-	-	0.0	23 853.04	0.0
In Ballast - Overseas	-	48	48	544 413	-	-	-	-	-	-	0.0	108 935.08	0.2
- Inland	-	178	178	1 603 308	-	-	-	-	-	-	0.0	322 751.93	0.5
- Coastal	-	28	28	416 185	-	-	-	-	-	-	0.0	27 747.25	0.0
- Non-Cargo	-	178	178	90 235	-	-	-	-	-	-	0.0	17 976.53	0.0
Total Downbound	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
TOTALS:													
Bulk	1 772	-	1 772	23 375 061	31 373 404	-	-	-	-	31 373 404	64.8	36 724 417.37	53.4
Grains	509	-	509	8 080 044	-	11 260 213	-	-	-	11 260 213	23.3	14 114 225.22	20.5
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.1	25 752.40	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	232	-	232	3 157 423	-	-	-	-	2 821 040	2 821 040	5.8	9 027 071.80	13.1
Mixed	172	-	172	2 679 520	327 206	1 581 527	20 520	23 918	931 826	2 884 997	6.0	5 617 985.98	8.2
Passengers	235	-	235	63 577	-	-	-	-	-	-	0.0	44 582.89	0.1
In Ballast - Overseas	-	128	128	1 590 896	-	-	-	-	-	-	0.0	425 819.64	0.6
- Inland	-	834	834	9 901 749	-	-	-	-	-	-	0.0	2 649 609.17	3.9
- Coastal	-	42	42	510 248	-	-	-	-	-	-	0.0	56 015.00	0.1
- Non-Cargo	-	362	362	177 011	-	-	-	-	-	-	0.0	35 861.86	0.1
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
UPBOUND

TABLE 7C PART A

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	125	-	125	1 538 175	1 443 415	-	-	-	-	1 443 415	3.0	2 104 842.84	3.1
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	155	-	155	2 207 488	-	-	-	-	1 992 945	1 992 945	4.1	6 564 693.36	9.6
Mixed	55	-	55	952 751	129 943	18	-	16 839	803 863	950 663	2.0	2 823 547.65	4.1
In Ballast	-	80	80	1 046 483	-	-	-	-	-	-	0.0	316 884.56	0.5
Total Overseas	335	80	415	5 744 897	1 573 358	18	-	16 839	2 796 808	4 387 023	9.1	11 809 968.41	17.2
INLAND:													
Bulk	707	-	707	9 804 868	14 292 055	-	-	-	-	14 292 055	29.5	18 283 957.34	26.6
Grains	2	-	2	32 296	-	6 064	-	-	-	6 064	0.0	7 792.49	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	2	-	2	4 350	-	-	-	-	1 770	1 770	0.0	6 875.97	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	656	656	8 298 441	-	-	-	-	-	-	0.0	2 326 857.24	3.4
Total Inland	711	656	1 367	18 139 955	14 292 055	6 064	-	-	1 770	14 299 889	29.5	20 625 483.04	30.0
COASTAL:													
Bulk	67	-	67	971 045	1 071 590	-	-	-	-	1 071 590	2.2	970 931.72	1.4
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	14	14	94 063	-	-	-	-	-	-	0.0	28 267.75	0.0
Total Coastal	67	14	81	1 065 108	1 071 590	-	-	-	-	1 071 590	2.2	999 199.47	1.5
NON-CARGO:	117	184	301	118 683	-	-	-	-	-	-	0.0	41 802.58	0.1
Total Upbound	1 230	934	2 164	25 068 643	16 937 003	6 082	-	16 839	2 798 578	19 758 502	40.8	33 476 453.50	48.7

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
DOWNBOUND

TABLE 7C PART B

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	131	-	131	1 569 325	1 653 371	-	-	-	-	1 653 371	3.4	2 872 691.87	4.2
Grains	105	-	105	1 756 341	-	1 887 316	-	-	-	1 887 316	3.9	2 597 053.30	3.8
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.1	25 752.40	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	70	-	70	930 839	-	-	-	-	816 846	816 846	1.7	2 424 630.87	3.5
Mixed	68	-	68	1 024 239	133 645	618 283	20 520	7 079	125 826	905 353	1.9	1 437 182.49	2.1
In Ballast	-	48	48	544 413	-	-	-	-	-	-	0.0	108 935.08	0.2
Total Overseas	378	48	426	5 894 719	1 787 016	2 505 599	87 737	7 079	942 672	5 330 103	11.0	9 466 246.01	13.8
INLAND:													
Bulk	722	-	722	9 335 388	12 728 817	-	-	-	-	12 728 817	26.3	12 188 045.60	17.7
Grains	390	-	390	6 076 067	-	9 091 416	-	-	-	9 091 416	18.8	11 180 245.05	16.3
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	2	-	2	6 614	-	-	-	-	2 502	2 502	0.0	11 409.50	0.0
Mixed	43	-	43	675 600	63 618	923 942	-	-	2 137	989 697	2.0	1 293 647.25	1.9
In Ballast	-	178	178	1 603 308	-	-	-	-	-	-	0.0	322 751.93	0.5
Total Inland	1 157	178	1 335	17 696 977	12 792 435	10 015 358	-	-	4 639	22 812 432	47.1	24 996 099.33	36.4
COASTAL:													
Bulk	19	-	19	155 695	184 156	-	-	-	-	184 156	0.4	303 824.60	0.4
Grains	12	-	12	215 340	-	275 417	-	-	-	275 417	0.6	329 134.38	0.5
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	2	-	2	7 776	-	-	-	-	6 977	6 977	0.0	16 398.10	0.0
Mixed	6	-	6	26 930	-	39 284	-	-	-	39 284	0.1	63 608.59	0.1
In Ballast	-	28	28	416 185	-	-	-	-	-	-	0.0	27 747.25	0.0
Total Coastal	39	28	67	821 926	184 156	314 701	-	-	6 977	505 834	1.0	740 712.92	1.1
NON-CARGO:	120	178	298	122 826	-	-	-	-	-	-	0.0	41 829.57	0.1
Total Downbound	1 694	432	2 126	24 536 448	14 763 607	12 835 658	87 737	7 079	954 288	28 648 369	59.2	35 244 887.83	51.3
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1990

TABLE 8C

ST LAWRENCE SEAWAY

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	2 058	1 029	3 087	35 923 641	27 436 350	10 281 742	-	-	13 386	37 731 478	77.9	46 326 896.25	67.4
United States	111	123	234	806 085	527 240	54 381	-	-	10 356	591 977	1.2	539 423.60	0.8
England	22	8	30	457 596	153 733	162 818	-	-	79 733	396 284	0.8	749 136.16	1.1
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	10	-	10	216 610	83 760	49 999	-	2 281	110 519	246 559	0.5	551 905.37	0.8
Denmark	14	4	18	158 296	69 714	19 133	-	-	26 070	114 917	0.2	236 593.01	0.3
Norway	38	11	49	646 846	178 486	87 572	-	462	268 565	535 085	1.1	1 258 062.93	1.8
Sweden	2	-	2	9 490	6 572	-	-	-	5 118	11 690	0.0	32 255.91	0.0
Finland	6	2	8	99 228	16 133	8 800	-	-	27 900	52 833	0.1	136 182.58	0.2
France	11	4	15	221 481	27 320	110 792	-	-	61 567	199 679	0.4	391 732.02	0.6
West Germany	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Greece	60	15	75	1 095 003	236 183	261 679	340	496	361 846	860 544	1.8	1 924 196.39	2.8
Italy	9	1	10	85 764	30 059	18 522	-	-	25 064	73 645	0.2	180 338.27	0.3
Poland	33	7	40	602 668	67 167	269 639	-	-	219 070	555 876	1.1	1 240 442.79	1.8
Russia	9	3	12	139 014	11 394	-	-	1 731	18 665	31 790	0.1	93 100.10	0.1
Spain	20	8	28	226 713	133 425	-	-	-	34 267	167 692	0.3	330 540.27	0.5
Yugoslavia	33	10	43	792 870	154 883	213 810	18 001	400	185 930	573 024	1.2	1 111 322.38	1.6
Iceland	2	-	2	9 616	12 436	-	-	-	-	12 436	0.0	25 129.24	0.0
Cuba	8	6	14	178 819	65 806	23 387	-	72	573	89 838	0.2	116 099.80	0.2
Panama	77	22	99	1 261 343	366 400	192 524	32 215	95	401 543	992 777	2.1	2 165 789.51	3.2
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	30	14	44	362 912	151 643	32 704	-	-	67 383	251 730	0.5	520 794.09	0.8
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	22	8	30	431 424	34 191	89 149	-	8	162 337	285 685	0.6	678 613.51	1.0
Japan	7	1	8	142 516	15 437	36 639	-	656	69 109	121 841	0.3	310 024.21	0.5
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	6	-	6	58 564	41 420	-	-	8	6 468	47 896	0.1	97 275.97	0.1
Other Asia	2	2	4	64 998	14 530	16 092	-	-	-	30 622	0.1	60 091.09	0.1
Liberia	144	26	170	2 343 628	983 785	300 863	18 673	12 611	605 075	1 921 007	4.0	4 013 144.60	5.8
Algeria	2	-	2	19 536	-	-	-	-	1 021	1 021	0.0	4 055.50	0.0
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	188	62	250	3 250 430	882 543	611 495	18 508	5 098	991 301	2 508 945	5.2	5 628 195.78	8.2
GRAND TOTAL	2 924	1 366	4 290	49 605 091	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0	68 721 341.33	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO

1990

TABLE 9C

ST. LAWRENCE SEAWAY

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total	
Wheat	-	9 460 350	67 493	-	-	9 527 843	19.7
Corn	-	1 395 968	9 323	-	-	1 405 291	2.9
Rye	-	5 690	-	-	-	5 690	0.0
Oats	-	5 623	-	-	-	5 623	0.0
Barley	-	1 127 743	-	-	-	1 127 743	2.3
Flour, Wheat	-	-	4 491	-	-	4 491	0.0
Flour, Edible, Other	31	-	954	127	11	1 123	0.0
Soybeans	-	364 755	-	-	-	364 755	0.8
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	107 925	2 154	-	-	110 079	0.2
Malt	-	-	-	-	-	-	0.0
Flaxseed	-	165 696	-	-	-	165 696	0.3
Sunflower Seeds	-	-	-	-	-	-	0.0
Other Agricultural Products	85 629	207 990	-	57	7	293 683	0.6
Total Agricultural Products	85 660	12 841 740	84 415	184	18	13 012 017	26.9
Packing House Products, Edible	-	-	-	19	4	23	0.0
Hides, Skins and Pelts	-	-	-	-	-	-	0.0
Other Animal Products	45 711	-	-	254	4	45 969	0.1
Total Animal Products	45 711	-	-	273	8	45 992	0.1
Bituminous Coal	6 289 501	-	-	-	-	6 289 501	13.0
Coke	1 075 328	-	-	-	-	1 075 328	2.2
Iron Ore	12 580 617	-	-	-	-	12 580 617	26.0
Aluminum Ore and Concentrates	178 327	-	-	-	-	178 327	0.4
Clay and Bentonite	229 581	-	-	-	-	229 581	0.5
Gravel and Sand	214 373	-	-	-	-	214 373	0.4
Stone, Ground or Crushed	1 793 489	-	-	-	-	1 793 489	3.7
Stone, Rough	15 086	-	-	-	-	15 086	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 881 911	-	-	-	-	1 881 911	3.9
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 637 037	-	-	439	54	1 637 530	3.4
Total Mine Products	25 895 250	-	-	439	54	25 895 743	53.5
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	64 623	-	-	46	7	64 676	0.1
Total Forest Products	64 623	-	-	46	7	64 676	0.1
Gasoline	592 540	-	-	-	-	592 540	1.2
Fuel Oil	1 253 816	-	-	-	-	1 253 816	2.6
Lubricating Oils and Grease	35 852	-	-	-	-	35 852	0.1
Petroleum Products, Other	60 088	-	-	-	2	60 090	0.1
Rubber, Crude, Natural, Synthetic	-	-	-	-	16	16	0.0
Chemicals	949 950	-	-	1 305	3 783	955 038	2.0
Sodium Products	105 165	-	-	119	-	105 284	0.2
Tar, Pitch and Creosote	42 849	-	-	-	-	42 849	0.1
Pig Iron	67 942	-	-	-	-	67 942	0.1
Iron and Steel, Bars, Rods, Slabs	2 337	-	-	36	498 248	500 621	1.0
Iron and Steel, Nails and Wire	-	-	-	153	2 751	2 904	0.0
Iron and Steel, Manufactured	16 622	-	-	531	3 089 214	3 106 367	6.4
Machinery and Machines	1 217	-	-	3 977	33 581	38 775	0.1
Cement	434 239	-	-	-	1 502	435 741	0.9
Woodpulp	69 620	-	-	-	-	69 620	0.1
Newsprint	-	-	-	-	148	148	0.0
Syrup and Molasses	6 311	-	-	-	-	6 311	0.0
Sugar	266 082	-	-	-	-	266 082	0.5
Food Products	-	-	2 234	748	596	3 578	0.0
Scrap Iron and Steel	450 401	-	-	-	-	450 401	0.9
Other Manufactures and Misc. (1)	1 254 335	-	1 088	16 107	122 938	1 394 468	2.9
Total Manufactures and Misc.	5 609 366	-	3 322	22 976	3 752 779	9 388 443	19.4
GRAND TOTAL	31 700 610	12 841 740	87 737	23 918	3 752 866	48 406 871	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10C PART A — ST. LAWRENCE SEAWAY

NO.	COMMODITY From: / To:	UPBOUND TONNES						TOTAL UP-BOUND	% OF TOTAL UP-BOUND
		CANADA		UNITED STATES		FOREIGN			
		Canada	United States	Canada	United States	Canada	United States		
1	Wheat	-	-	-	-	-	-	-	0.0
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	2 400	-	-	-	-	-	2 400	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	37	-	37	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	-	-	-	0.0
10	Beans and Peas	-	-	-	-	18	-	18	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	-	-	-	0.0
14	Other Agricultural Products	3 664	-	-	-	54	10	3 728	0.0
15	Total Agricultural Products	6 064	-	-	-	109	10	6 183	0.0
16	Packing House Products, Edible	-	-	-	-	-	19	19	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	-	-	0.0
18	Other Animal Products	-	-	-	-	80	165	245	0.0
19	Total Animal Products	-	-	-	-	80	184	264	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	106 234	-	-	-	-	106 234	0.5
22	Iron Ore	5 375 988	6 110 689	-	-	-	59 888	11 546 565	58.4
23	Aluminum Ore and Concentrates	8 922	-	-	-	154 375	15 030	178 327	0.9
24	Clay and Bentonite	-	-	-	-	-	5 905	5 905	0.0
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	-	805 325	-	-	-	-	805 325	4.1
27	Stone, Rough	-	-	-	14 969	-	117	15 086	0.1
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	368 716	-	-	-	-	-	368 716	1.9
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	582 282	67 378	35 420	-	153 671	193 843	1 032 594	5.2
33	Total Mine Products	6 335 908	7 089 626	35 420	14 969	308 046	274 783	14 058 752	71.2
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	42	4	46	0.0
36	Total Forest Products	-	-	-	-	42	4	46	0.0
37	Gasoline	189 611	9 384	18 417	-	156 796	-	374 208	1.9
38	Fuel Oil	129 245	158 187	-	-	25 716	-	313 148	1.6
39	Lubricating Oils and Grease	-	-	5 401	-	28 476	-	33 877	0.2
40	Petroleum Products, Other	27 262	-	-	-	15 002	-	42 264	0.2
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	1 198	17 429	109 824	-	192 266	49 530	370 247	1.9
43	Sodium Products	1 054	-	11 902	-	91	28	13 075	0.1
44	Tar, Pitch and Creosote	-	8 262	-	-	-	-	8 262	0.0
45	Pig Iron	5 702	62 240	-	-	-	-	67 942	0.3
46	Iron and Steel, Bars, Rods, Slabs	-	-	-	-	176 103	259 179	435 282	2.2
47	Iron and Steel, Nails and Wire	-	-	-	-	507	2 284	2 791	0.0
48	Iron and Steel, Manufactured	-	80	-	-	193 972	2 051 335	2 245 387	11.4
49	Machinery and Machines	250	-	675	359	1 906	17 823	21 013	0.1
50	Cement	57 261	341 747	-	-	16 672	-	415 680	2.1
51	Woodpulp	-	-	-	-	14 686	21 193	35 879	0.2
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	2 772	-	-	-	2 114	-	4 886	0.0
54	Sugar	-	-	-	-	266 082	-	266 082	1.3
55	Food Products	-	-	-	-	168	482	650	0.0
56	Scrap Iron and Steel	116 846	99 912	-	-	-	809	217 567	1.1
57	Other Manufactures and Misc. (1)	15 525	496 212	7 180	18	94 588	211 494	825 017	4.2
58	Total Manufactures and Misc.	546 726	1 193 453	153 399	377	1 185 145	2 614 157	5 693 257	28.8
59	GRAND TOTAL	6 888 698	8 283 079	188 819	15 346	1 493 422	2 889 138	19 758 502	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10C PART B — ST. LAWRENCE SEAWAY

DOWNBOUND TONNES										
From:	CANADA			UNITED STATES			TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		
To:	Canada	United States	Foreign	Canada	United States	Foreign			TOTAL CARGO TONNES	% OF TOTAL	NO.
	7 322 846	-	333 800	965 593	-	905 604	9 527 843	33.3	9 527 843	19.7	1
	183 697	13 151	30 353	735 969	-	442 121	1 405 291	4.9	1 405 291	2.9	2
	-	-	5 690	-	-	-	5 690	0.0	5 690	0.0	3
	5 623	-	-	-	-	-	5 623	0.0	5 623	0.0	4
	278 472	-	-	606 574	-	240 297	1 125 343	3.9	1 127 743	2.3	5
	-	-	4 491	-	-	-	4 491	0.0	4 491	0.0	6
	-	-	1 086	-	-	-	1 086	0.0	1 123	0.0	7
	7 615	-	37 939	84 276	-	234 925	364 755	1.3	364 755	0.8	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	7 631	-	78 231	-	-	24 199	110 061	0.4	110 079	0.2	10
	-	-	-	-	-	-	-	0.0	-	0.0	11
	-	-	165 696	-	-	-	165 696	0.6	165 696	0.3	12
	-	-	-	-	-	-	-	0.0	-	0.0	13
	178 930	-	73 045	-	-	37 980	289 955	1.0	293 683	0.6	14
	7 984 814	13 151	730 331	2 392 412	-	1 885 126	13 005 834	45.4	13 012 017	26.9	15
	-	-	4	-	-	-	4	0.0	23	0.0	16
	-	-	-	-	-	-	-	0.0	-	0.0	17
	-	-	36 733	-	-	8 991	45 724	0.2	45 969	0.1	18
	-	-	36 737	-	-	8 991	45 728	0.2	45 992	0.1	19
	23 542	-	-	6 244 379	-	21 580	6 289 501	22.0	6 289 501	13.0	20
	97 728	-	28 847	536 993	-	305 526	969 094	3.4	1 075 328	2.2	21
	-	-	-	1 034 052	-	-	1 034 052	3.6	12 580 617	26.0	22
	-	-	-	-	-	-	-	0.0	178 327	0.4	23
	-	-	-	141 712	-	81 964	223 676	0.8	229 581	0.5	24
	20 157	-	-	194 216	-	-	214 373	0.7	214 373	0.4	25
	773 616	-	-	214 548	-	-	988 164	3.4	1 793 489	3.7	26
	-	-	-	-	-	-	-	0.0	15 086	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	753 130	38 341	-	709 456	12 268	-	1 513 195	5.3	1 881 911	3.9	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	107 656	75 090	191 696	212 851	-	17 643	604 936	2.1	1 637 530	3.4	32
	1 775 829	113 431	220 543	9 288 207	12 268	426 713	11 836 991	41.3	25 895 743	53.5	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	64 630	-	-	-	64 630	0.2	64 676	0.1	35
	-	-	64 630	-	-	-	64 630	0.2	64 676	0.1	36
	97 [illegible]7	-	24 277	96 148	-	-	218 332	0.8	592 540	1.2	37
	637 407	257 706	-	32 219	13 336	-	940 668	3.3	1 253 816	2.6	38
	-	-	1 975	-	-	-	1 975	0.0	35 852	0.1	39
	16 026	-	1 800	-	-	-	17 826	0.1	60 090	0.1	40
	-	-	16	-	-	-	16	0.0	16	0.0	41
	204 772	112 708	261 712	-	1 859	3 740	584 791	2.0	955 038	2.0	42
	92 209	-	-	-	-	-	92 209	0.3	105 284	0.2	43
	-	-	-	34 587	-	-	34 587	0.1	42 849	0.1	44
	-	-	-	-	-	-	-	0.0	67 942	0.1	45
	2 337	-	56 319	-	-	6 683	65 339	0.2	500 621	1.0	46
	-	-	113	-	-	-	113	0.0	2 904	0.0	47
	1 002	18 726	560 873	4 279	-	276 100	860 980	3.0	3 106 367	6.4	48
	608	-	4 594	360	-	12 200	17 762	0.1	38 775	0.1	49
	10 257	4 902	1 502	1 000	2 400	-	20 061	0.1	435 741	0.9	50
	-	-	32 521	-	-	1 220	33 741	0.1	69 620	0.1	51
	-	-	148	-	-	-	148	0.0	148	0.0	52
	-	-	-	1 425	-	-	1 425	0.0	6 311	0.0	53
	-	-	-	-	-	-	-	0.0	266 082	0.5	54
	-	-	2 928	-	-	-	2 928	0.0	3 578	0.0	55
	28 818	-	68 524	-	-	135 492	232 834	0.8	450 401	0.9	56
	72 100	8 111	84 870	6 477	325	397 568	569 451	2.0	1 394 468	2.9	57
	1 163 443	402 153	1 102 172	176 495	17 920	833 003	3 695 186	12.9	9 388 443	19.4	58
	10 924 086	528 735	2 154 413	11 857 114	30 188	3 153 833	28 648 369	100.0	48 406 871	100.0	59

TRAFFIC BY SELECTED CANADIAN PORTS
1990

TABLE 11C — ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP-MENTS	CARGO TONNES (1) Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
INBOUND:								
Baie Comeau	114	25 965	2 735 832	-	-	-	2 761 797	4.6
Contrecoeur	8	137 854	-	-	-	-	137 854	0.2
Cornwall	20	115 069	-	-	-	-	115 069	0.2
Goderich	-	-	-	-	-	-	-	0.0
Halifax	14	16 785	256 309	-	-	-	273 094	0.5
Hamilton	523	10 227 481	123 471	-	345	269 836	10 621 133	17.7
Humberstone	-	-	-	-	-	-	-	0.0
Kingston	3	29 169	-	-	-	-	29 169	0.0
Montreal	170	951 755	1 775 481	-	-	-	2 727 236	4.5
Picton	13	299 631	-	-	-	-	299 631	0.5
Pointe Noire	10	258 649	-	-	-	-	258 649	0.4
Port Cartier	122	659 316	2 289 240	-	-	-	2 948 556	4.9
Prescott	10	24 539	167 240	-	-	-	191 779	0.3
Quebec City	104	217 247	1 926 072	-	-	-	2 143 319	3.6
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	13	118 119	-	-	-	-	118 119	0.2
Sault Ste. Marie	-	-	-	-	-	-	-	0.0
Sept-Iles	32	611 816	-	-	-	4 279	616 095	1.0
Sorel	6	8 851	116 718	-	-	-	125 569	0.2
Thorold	24	321 731	-	-	-	-	321 731	0.5
Trois Rivières	32	11 481	532 576	-	-	-	544 057	0.9
Thunder Bay	4	7 312	-	-	-	1 718	9 030	0.0
Toronto	129	1 121 598	79 705	-	5 826	68 293	1 275 422	2.1
Valleyfield	25	160 295	-	-	-	22 038	182 333	0.3
Windsor	16	137 318	-	-	-	8 963	146 281	0.2
Windsor Area	-	-	-	-	-	-	-	0.0
Other Canada	361	5 171 233	320 346	-	-	14 637	5 506 216	9.2
Total Inbound	1 753	20 633 214	10 322 990	-	6 171	389 764	31 352 139	52.1
OUTBOUND:								
Baie Comeau	2	-	-	-	-	3 557	3 557	0.0
Contrecoeur	2	39 401	-	-	-	-	39 401	0.1
Cornwall	8	5 555	-	-	-	7	5 562	0.0
Goderich	37	572 649	206 087	18 037	-	-	796 773	1.3
Halifax	17	336 866	-	-	-	-	336 866	0.6
Hamilton	96	655 105	73 633	1 888	77	434 652	1 165 355	1.9
Humberstone	-	-	-	-	-	-	-	0.0
Kingston	-	-	-	-	-	-	-	0.0
Montreal	40	273 176	3 664	-	-	-	276 840	0.5
Picton	22	368 510	-	-	-	-	368 510	0.6
Pointe Noire	201	5 082 163	-	-	-	-	5 082 163	8.5
Port Cartier	116	3 014 986	-	-	-	-	3 014 986	5.0
Prescott	5	-	87 344	-	-	-	87 344	0.1
Quebec City	64	1 208 313	2 400	-	-	-	1 210 713	2.0
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	133	841 224	418 376	-	-	-	1 259 600	2.1
Sault Ste. Marie	22	120 336	-	-	-	150 237	270 573	0.4
Sept-Iles	89	2 211 136	-	-	-	-	2 211 136	3.7
Sorel	12	67 942	-	-	-	-	67 942	0.1
Thorold	5	21 700	-	-	-	136	21 836	0.0
Trois Rivières	3	15 487	-	-	-	-	15 487	0.0
Thunder Bay	372	539 935	7 451 216	-	-	-	7 991 151	13.3
Toronto	37	47 229	17 389	8 440	4 485	5 535	83 078	0.1
Valleyfield	22	89 633	313	10 192	1 160	8 365	109 663	0.2
Windsor	15	45 187	238 374	14 178	-	-	297 739	0.5
Windsor Area	44	467 336	-	-	-	-	467 336	0.8
Other Canada	293	3 427 270	115 602	-	-	52 528	3 595 400	6.0
Total Outbound	1 657	19 451 139	8 614 398	52 735	5 722	655 017	28 779 011	47.9
GRAND TOTAL	3 410	40 084 353	18 937 388	52 735	11 893	1 044 781	60 131 150	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 20 kilometre (12.5 mile) radius of the main harbour.

TRAFFIC BY SELECTED UNITED STATES PORTS
1990

TABLE 12C — ST. LAWRENCE SEAWAY

PORT OR AREA (2)	SHIP-MENTS	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
INBOUND:								
Ashtabula	52	832 381	-	-	-	-	832 381	3.1
Buffalo	5	23 171	-	-	-	-	23 171	0.1
Chicago	140	156 962	-	-	4 909	853 023	1 014 894	3.8
Cleveland	192	1 939 239	13 151	-	645	449 780	2 402 815	8.9
Conneaut	2	48 247	-	-	-	-	48 247	0.2
Detroit	164	1 043 407	-	-	4 151	715 920	1 763 478	6.5
Detroit Area	6	93 961	-	-	-	-	93 961	0.3
Duluth-Superior	22	86 379	-	-	159	44 782	131 320	0.5
Erie	21	204 420	-	-	-	340	204 760	0.8
Fairport	2	20 033	-	-	-	-	20 033	0.1
Gary	11	245 555	-	-	-	1 257	246 812	0.9
Grand Haven	-	-	-	-	-	-	-	0.0
Green Bay	5	24 087	-	-	-	-	24 087	0.1
Huron	2	1 994	-	-	-	11 832	13 826	0.1
Indiana-Burns Harbor	121	2 637 260	-	-	-	45 425	2 682 685	9.9
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorain	8	187 034	-	-	-	-	187 034	0.7
Marquette	-	-	-	-	-	-	-	0.0
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	40	33 707	-	-	678	99 807	134 192	0.5
Ogdensburg	6	56 259	-	-	-	-	56 259	0.2
Oswego	70	450 619	-	-	-	3 557	454 176	1.7
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	-	-	-	-	-	-	-	0.0
Toledo	65	80 460	-	-	126	198 628	279 214	1.0
Tonawanda	8	52 904	-	-	-	-	52 904	0.2
Trenton (Mich.)	12	284 876	-	-	-	-	284 876	1.1
Other U.S.A. Ports	48	787 450	-	-	-	7 911	795 361	2.9
Total Inbound	1 002	9 290 405	13 151	-	10 668	2 432 262	11 746 486	43.5
OUTBOUND:								
Ashtabula	67	1 643 716	-	-	-	-	1 643 716	6.1
Buffalo	4	64 819	-	-	-	-	64 819	0.2
Chicago	34	426 803	10 498	-	-	7 516	444 817	1.6
Cleveland	41	515 405	-	-	-	32 451	547 856	2.0
Conneaut	50	1 288 401	-	-	-	-	1 288 401	4.8
Detroit	71	453 229	-	-	-	36 253	489 482	1.8
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superior	182	737 047	2 957 986	35 002	-	4	3 730 039	13.8
Erie	14	41 008	-	-	-	454	41 462	0.2
Fairport	14	283 986	-	-	-	-	283 986	1.1
Gary	-	-	-	-	-	-	-	0.0
Grand Haven	10	190 633	-	-	-	-	190 633	0.7
Green Bay	5	8 738	-	-	-	2	8 740	0.0
Huron	3	31 972	-	-	-	-	31 972	0.1
Indiana-Burns Harbor	34	248 190	48 312	-	-	217 526	514 028	1.9
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorain	1	6 595	-	-	-	-	6 595	0.0
Marquette	24	552 647	-	-	-	2 137	554 784	2.1
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	25	3 616	311 478	-	1 357	1 714	318 165	1.2
Ogdensburg	8	40 376	-	-	-	443	40 819	0.2
Oswego	2	11 795	-	-	-	-	11 795	0.0
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	78	1 955 246	-	-	-	-	1 955 246	7.2
Toledo	129	1 479 641	899 050	-	-	-	2 378 691	8.8
Tonawanda	2	13 336	-	-	-	-	13 336	0.0
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	51	680 735	-	-	-	5 183	685 918	2.5
Total Outbound	849	10 677 934	4 227 324	35 002	1 357	303 683	15 245 300	56.5
GRAND TOTAL	1 851	19 968 339	4 240 475	35 002	12 025	2 735 945	26 991 786	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.
(2) Area includes all ports or installations within a 20 kilometer (12.5 mile) radius of the main harbour.

TRAFFIC BY SELECTED FOREIGN COUNTRIES
1990

TABLE 13C — ST. LAWRENCE SEAWAY

COUNTRY	SHIP-MENTS	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
FROM:								
Algeria	-	-	-	-	-	-	-	0.0
Australia New Zealand	22	348 552	-	-	-	-	348 552	3.7
Belgium	67	32 794	-	-	12 994	880 517	926 305	9.9
Brazil	18	7 716	-	-	-	135 517	143 233	1.5
China	1	5 340	-	-	-	-	5 340	0.1
Colombia	1	16 834	-	-	-	-	16 834	0.2
Cuba	9	115 917	-	-	-	-	115 917	1.2
England	29	63 079	-	-	-	218 104	281 183	3.0
Finland	17	14 446	-	-	-	113 875	128 321	1.4
France	23	30 200	-	-	-	288 147	318 347	3.4
French Africa	-	-	-	-	-	-	-	0.0
India	1	-	-	-	-	267	267	0.0
Ireland	-	-	-	-	-	-	-	0.0
Italy	14	-	-	-	-	215 420	215 420	2.3
Japan	28	-	-	-	-	282 810	282 810	3.0
Mexico	6	93 524	-	-	-	-	93 524	1.0
Netherlands	29	138 942	-	-	-	239 584	378 526	4.1
Norway Sweden	19	64 290	-	-	-	57 949	122 239	1.3
Portugal	3	25 283	-	-	-	-	25 283	0.3
Scotland	2	-	-	-	-	3 629	3 629	0.0
Soviet Union or U.S.S.R.	4	17 183	-	-	374	1 760	19 317	0.2
South Africa	13	86 594	18	-	2 345	387	89 344	1.0
Spain	13	17 145	-	-	108	90 741	107 994	1.2
Turkey	4	36 640	-	-	-	1 727	38 367	0.4
Venezuela	11	139 535	-	-	-	3	139 538	1.5
West Germany	12	117	-	-	1 018	213 777	214 912	2.3
West Indies	5	16 461	-	-	-	-	16 461	0.2
Other Africa	14	145 149	-	-	-	-	145 149	1.6
Other Asia	7	67 119	-	-	-	17 133	84 252	0.9
Other Europe	12	49 505	-	-	-	22 640	72 145	0.8
Other South America	7	38 606	-	-	-	5 555	44 161	0.5
Total From	391	1 570 971	18	-	16 839	2 789 542	4 377 370	47.0
TO:								
Algeria	25	-	390 735	-	-	2	390 737	4.2
Australia New Zealand	-	-	-	-	-	-	-	0.0
Belgium	33	93 521	498 531	-	-	8 057	600 109	6.4
Brazil	4	53 750	-	-	-	-	53 750	0.6
China	1	-	-	-	-	566	566	0.0
Colombia	5	5 329	-	-	19	173	5 521	0.1
Cuba	8	1 300	70 082	-	72	709	72 163	0.8
England	39	240 052	185 080	-	-	7 217	432 349	4.6
Finland	-	-	-	-	-	-	-	0.0
France	9	122 832	7 137	-	-	-	129 969	1.4
French Africa	8	-	119 691	-	-	-	119 691	1.3
India	9	19 566	-	-	8	11 801	31 375	0.3
Ireland	4	37 160	6 500	-	-	-	43 660	0.5
Italy	38	89 774	340 870	-	-	180 868	611 512	6.6
Japan	13	-	33 803	-	-	165 051	198 854	2.1
Mexico	2	9 047	-	-	-	10 751	19 798	0.2
Netherlands	45	358 316	116 564	-	-	-	474 980	5.1
Norway Sweden	6	18 339	24 204	-	-	6 432	48 975	0.5
Portugal	12	12 227	191 840	-	-	-	204 067	2.2
Scotland	1	-	18 620	-	-	-	18 620	0.2
Soviet Union or U.S.S.R.	6	5 724	-	-	1 357	16 905	23 986	0.3
South Africa	9	16 991	-	-	4 405	1 363	22 759	0.2
Spain	28	341 972	37 472	-	-	1 663	381 107	4.1
Turkey	8	90 770	24 624	-	8	46	115 448	1.2
Venezuela	5	19 811	-	-	109	1 677	21 597	0.2
West Germany	2	1 220	13 973	-	-	2	15 195	0.2
West Indies	8	53	3 289	4 646	151	5 210	13 349	0.1
Other Africa	14	44 423	75 915	10 328	249	677	131 592	1.4
Other Asia	38	103 904	102 556	32 215	-	301 496	540 171	5.8
Other Europe	15	27 547	132 422	35 002	-	16 286	211 257	2.3
Other South America	7	-	313	3 400	359	8 446	12 518	0.1
Total To	402	1 713 628	2 394 321	85 591	6 737	745 398	4 945 675	53.0
GRAND TOTAL	793	3 284 599	2 394 339	85 591	23 576	3 534 940	9 323 045	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

TRAFFIC RESULTS
1959 - 1990

HISTORICAL TABLE 14C

ST. LAWRENCE SEAWAY

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959	---------- NOT AVAILABLE ----------									6 056 451	5 211 862	11 268 313
1960	3 954	5 124	9 078	10 032 415	20 546 432	30 578 847	12 609 246	12 522 004	25 131 250	5 059 508	6 367 908	11 427 416
1961	5 141	5 082	10 223	9 250 052	23 596 791	32 846 843	14 493 351	14 415 227	28 908 578	5 016 691	7 850 820	12 867 511
1962	4 816	4 815	9 631	12 016 429	23 949 383	35 965 812	24 209 186	24 715 809	48 924 995	5 937 838	7 277 130	13 214 968
1963	4 784	4 737	9 521	14 352 054	26 988 541	41 340 595	27 218 981	27 153 831	54 372 812	7 005 530	8 116 752	15 122 282
1964	4 998	5 038	10 036	19 415 811	31 186 173	50 601 984	20 266 121	20 322 026	40 588 147	9 394 046	9 691 201	19 085 247
1965	5 221	5 337	10 558	22 494 513	31 913 878	54 408 391	32 347 016	32 784 520	65 131 536	12 010 414	9 798 598	21 809 012
1966	5 278	5 337	10 615	26 138 165	34 589 175	60 727 340	35 781 853	35 829 831	71 611 684	13 613 843	10 720 519	24 334 362
1967	4 758	4 845	9 603	26 604 097	28 664 730	55 268 827	32 119 030	32 654 700	64 773 730	14 475 869	8 787 194	23 263 063
1968	4 555	4 630	9 185	30 221 395	30 017 093	60 238 488	33 761 597	34 201 445	67 963 042	17 343 253	9 294 777	26 638 030
1969	4 536	4 558	9 094	22 964 904	32 206 433	55 171 337	32 890 660	33 116 127	66 006 787	13 553 348	10 397 205	23 950 553
1970	4 542	4 573	9 115	25 278 173	39 235 062	64 513 235	34 832 257	34 826 922	69 659 179	15 015 403	13 977 229	28 992 632
1971	4 200	4 228	8 428	25 590 585	38 622 853	64 213 438	35 457 588	35 365 584	70 823 172	17 090 842	14 647 397	31 738 239
1972	4 151	4 137	8 288	25 373 449	40 373 052	65 746 501	36 775 475	36 353 779	73 129 254	16 462 073	15 081 621	31 543 694
1973	4 160	4 124	8 284	27 453 586	40 738 624	68 192 210	36 384 026	36 557 318	72 941 344	16 409 602	15 717 244	32 126 846
1974	3 182	3 167	6 349	23 499 926	31 055 048	54 554 974	28 626 614	28 583 515	57 210 129	13 188 253	11 308 252	24 496 505
1975	3 559	3 540	7 099	22 035 116	38 651 902	60 687 018	33 424 672	33 417 387	66 842 059	12 629 952	13 682 280	26 312 232
1976	3 454	3 478	6 932	28 538 521	36 636 534	65 175 055	34 202 173	34 058 494	68 260 667	15 904 651	13 697 981	29 602 632
1977	3 675	3 660	7 335	34 659 856	38 635 078	73 294 934	36 928 613	36 984 091	73 912 704	19 964 066	14 836 163	34 800 229
1978	3 767	3 712	7 479	27 548 469	45 434 170	72 982 639	40 262 661	39 629 645	79 892 306	24 276 601	27 225 729	51 502 330
1979	3 705	3 639	7 344	27 491 575	46 814 472	74 306 047	40 409 852	39 866 922	80 276 774	27 508 079	29 599 291	57 107 370
1980	3 668	3 628	7 296	17 198 910	49 762 221	66 961 131	40 095 126	40 008 744	80 103 870	19 512 745	36 495 478	56 008 223
1981	3 320	3 290	6 610	20 988 836	43 692 918	64 681 754	36 274 961	35 958 648	72 233 609	25 182 050	32 322 404	57 504 454
1982	2 896	2 914	5 810	11 930 217	42 564 225	54 494 442	33 905 366	34 068 116	67 973 482	19 631 493	38 230 421	57 861 914
1983	2 629	2 611	5 240	16 799 443	39 181 910	55 981 353	32 256 617	31 755 291	64 011 908	28 628 057	37 197 448	65 825 505
1984	2 681	2 641	5 322	19 984 880	40 944 288	60 929 168	34 056 771	33 342 809	67 399 580	33 908 295	37 521 103	71 429 398
1985	2 243	2 185	4 428	16 307 416	32 246 874	48 554 290	27 953 450	27 039 682	54 993 132	26 732 542	30 101 848	56 834 390
1986	2 344	2 258	4 602	16 306 485	32 264 732	48 571 217	28 865 047	28 050 099	56 915 146	27 804 529	33 382 145	61 186 674
1987	2 351	2 238	4 589	18 647 923	32 005 339	50 653 262	28 772 497	27 518 198	56 290 695	31 089 377	34 068 435	65 157 812
1988	2 320	2 260	4 580	20 543 989	31 933 347	52 477 336	28 251 634	27 442 545	55 694 179	34 584 961	35 471 663	70 056 624
1989	2 100	2 083	4 183	19 415 461	28 946 228	48 361 689	25 218 762	25 219 816	50 438 578	32 377 215	35 807 101	68 184 316
1990	2 164	2 126	4 290	19 758 502	28 648 369	48 406 871	25 068 643	24 536 448	49 605 091	33 476 453	35 244 888	68 721 341
TOTAL	115 152	115 995	231 147	658 841 153	1 082 045 875	1 740 887 028	963 719 846	958 299 573	1 922 019 419	600 844 030	649 130 087	1 249 974 117

CARGO BY TARIFF CLASSIFICATION

1959 - 1990

HISTORICAL TABLE 15C

ST. LAWRENCE SEAWAY

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	---------- NOT AVAILABLE ----------											
1960	28 464 021	93.1	-	0.0	-	0.0	-	0.0	2 114 825	6.9	30 578 846	100.0
1961	30 770 489	93.7	-	0.0	-	0.0	-	0.0	2 076 353	6.3	32 846 842	100.0
1962	33 514 335	93.2	-	0.0	-	0.0	-	0.0	2 451 477	6.8	35 965 812	100.0
1963	38 550 187	93.3	-	0.0	-	0.0	-	0.0	2 790 408	6.7	41 340 595	100.0
1964	47 135 221	93.1	-	0.0	-	0.0	-	0.0	3 466 764	6.9	50 601 985	100.0
1965	49 240 217	90.5	-	0.0	-	0.0	-	0.0	5 168 174	9.5	54 408 391	100.0
1966	55 623 695	91.6	-	0.0	-	0.0	-	0.0	5 103 645	8.4	60 727 340	100.0
1967	49 763 848	90.0	-	0.0	-	0.0	-	0.0	5 504 979	10.0	55 268 827	100.0
1968	52 866 506	87.8	-	0.0	-	0.0	-	0.0	7 371 982	12.2	60 238 488	100.0
1969	48 647 868	88.2	-	0.0	-	0.0	-	0.0	6 523 470	11.8	55 171 338	100.0
1970	58 458 223	90.6	-	0.0	-	0.0	-	0.0	6 055 012	9.4	64 513 235	100.0
1971	56 237 700	87.6	-	0.0	-	0.0	-	0.0	7 975 737	12.4	64 213 437	100.0
1972	58 469 763	88.9	-	0.0	-	0.0	-	0.0	7 276 738	11.1	65 746 501	100.0
1973	62 900 782	92.2	-	0.0	-	0.0	-	0.0	5 291 428	7.8	68 192 210	100.0
1974	50 450 923	92.5	-	0.0	-	0.0	-	0.0	4 104 051	7.5	54 554 974	100.0
1975	57 388 271	94.6	-	0.0	-	0.0	-	0.0	3 298 747	5.4	60 687 018	100.0
1976	61 044 888	93.7	-	0.0	-	0.0	-	0.0	4 130 167	6.3	65 175 055	100.0
1977	67 119 377	91.6	-	0.0	-	0.0	-	0.0	6 175 556	8.4	73 294 933	100.0
1978	39 102 717	53.6	29 133 638	39.9	129 095	0.2	271 485	0.4	4 331 922	5.9	72 968 857	100.0
1979	43 884 766	59.0	26 357 575	35.5	158 942	0.2	229 229	0.3	3 703 388	5.0	74 333 900	100.0
1980	35 592 415	53.1	28 576 609	42.6	168 209	0.3	166 055	0.2	2 513 429	3.8	67 016 717	100.0
1981	34 868 589	53.9	26 119 711	40.3	242 632	0.4	64 746	0.1	3 420 579	5.3	64 716 257	100.0
1982	25 142 525	46.1	25 797 364	47.3	292 456	0.5	78 478	0.2	3 183 619	5.9	54 494 442	100.0
1983	26 969 832	48.2	25 372 045	45.3	294 379	0.5	60 073	0.1	3 285 024	5.9	55 981 353	100.0
1984	31 203 330	51.2	24 556 241	40.3	231 107	0.4	140 684	0.2	4 797 806	7.9	60 929 168	100.0
1985	26 827 670	55.3	17 418 609	35.9	261 917	0.5	113 671	0.2	3 932 423	8.1	48 554 290	100.0
1986	27 156 533	55.9	17 175 451	35.4	227 670	0.5	59 943	0.1	3 951 620	8.1	48 571 217	100.0
1987	27 187 830	53.7	19 208 840	37.9	211 044	0.4	42 945	0.1	4 002 603	7.9	50 653 262	100.0
1988	31 646 241	60.3	16 138 512	30.7	87 456	0.2	38 853	0.1	4 566 274	8.7	52 477 336	100.0
1989	31 552 895	65.2	12 196 741	25.2	168 750	0.4	31 728	0.1	4 411 575	9.1	48 361 689	100.0
1990	31 700 610	65.5	12 841 740	26.5	87 737	0.2	23 918	0.0	3 752 866	7.8	48 406 871	100.0
TOTAL	1 319 482 267	75.8	280 893 076	16.1	2 561 394	0.1	1 321 808	0.1	136 732 641	7.9	1 740 991 186	100.0

TOTAL TOLLS REVENUE
1959 - 1990

HISTORICAL TABLE 16C

ST. LAWRENCE SEAWAY

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	7 828 636	NOT	NOT	NOT	1 818 189	9 646 825	1 606 068	NOT	15 420	11 268 313
1960	7 640 627	APPLICABLE	APPLICABLE	APPLICABLE	2 089 106	9 729 733	1 673 338	APPLICABLE	24 345	11 427 416
1961	8 981 597	-	-	-	1 929 901	10 911 498	1 920 678	-	35 335	12 867 511
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	657 513	13 214 968
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	913 275	59 652	23 263 063
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	1 749 165	8 505	26 638 030
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	2 494 075	11 214	23 950 553
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	3 533 405	8 306	28 992 632
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	4 331 602	5 367	31 738 239
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	4 242 605	5 656	31 543 694
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	4 232 455	7 726	32 126 846
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	3 176 688	12 930	24 496 505
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	3 720 018	9 236	26 312 232
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	3 789 408	5 633	29 602 632
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	4 030 938	5 642	34 800 229
1978	18 335 282	17 115 828	78 718	244 195	6 553 573	42 327 596	9 155 902	NOT	18 832	51 502 330
1979	24 716 528	16 370 362	103 290	212 472	6 730 737	48 133 389	8 957 417	APPLICABLE	16 565	57 107 371
1980	22 075 591	19 646 834	121 075	156 207	4 903 241	46 902 948	9 086 526	-	18 749	56 008 223
1981	24 033 362	17 895 441	174 679	55 504	6 956 739	49 115 725	8 369 227	-	19 502	57 504 454
1982	18 195 303	19 398 753	230 175	77 874	7 057 942	44 960 047	8 224 962	4 643 925	32 979	57 861 913
1983	20 996 071	20 259 032	244 307	62 448	8 179 595	49 741 453	7 994 936	8 061 656	27 460	65 825 505
1984	23 067 456	19 744 974	191 106	153 247	11 888 040	55 044 823	8 150 221	8 200 688	33 666	71 429 398
1985	20 034 048	13 752 916	217 162	120 619	9 704 218	43 828 963	6 508 406	6 459 219	37 802	56 834 390
1986	21 364 062	14 562 937	200 264	58 864	9 908 207	46 094 334	7 381 392	7 662 160	48 788	61 186 674
1987	22 085 943	16 887 282	191 691	45 836	10 067 598	49 278 350	7 730 888	8 091 383	57 191	65 157 812
1988	26 658 338	14 729 849	80 523	42 283	11 549 687	53 060 680	8 065 043	8 878 770	52 131	70 056 624
1989	28 580 341	11 413 087	-	34 731	11 774 131	51 802 290	8 015 257	8 311 312	55 457	68 184 316
1990	29 100 625	12 732 187	-	27 344	10 542 505	52 402 661	7 760 842	8 491 235	66 603	68 721 341
TOTAL	584 764 739	214 509 482	1 832 990	1 291 624	202 082 284	1 004 481 119	139 057 950	105 013 982	1 421 066	1 249 974 117

PART III

St. Lawrence Seaway Toll Traffic

for the

Montreal-Lake Ontario Section

TRAFFIC BY TYPE OF VESSEL
1990

TABLE 1M — MONTREAL-LAKE ONTARIO SECTION

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Cargo	822	187	1 009	15 429 975	13 763 161	6 082	-	16 839	2 798 398	16 584 480	45.2	20 174 047.11	54.6
Tug and Barge	14	15	29	59 098	54 228	-	-	-	-	54 228	0.1	55 568.00	0.2
Tanker	119	87	206	1 445 139	1 008 514	-	-	-	-	1 008 514	2.8	1 034 238.71	2.8
Non-Cargo	44	101	145	70 039	-	-	-	-	-	-	0.0	22 367.15	0.1
Total Up	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
Cargo	895	106	1 001	15 298 911	4 391 285	12 222 981	87 737	7 079	954 288	17 663 370	48.2	14 401 041.44	39.0
Tug and Barge	16	12	28	55 109	46 859	-	-	-	-	46 859	0.1	37 527.95	0.1
Tanker	146	62	208	1 454 395	1 298 488	-	-	-	-	1 298 488	3.5	1 220 045.46	3.3
Non-Cargo	48	94	142	75 908	-	-	-	-	-	-	0.0	25 029.57	0.1
Total Down	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
Cargo	1 717	293	2 010	30 728 886	18 154 446	12 229 063	87 737	23 918	3 752 686	34 247 850	93.4	34 575 088.55	93.5
Tug and Barge	30	27	57	114 207	101 087	-	-	-	-	101 087	0.3	93 095.95	0.3
Tanker	265	149	414	2 899 534	2 307 002	-	-	-	-	2 307 002	6.3	2 254 284.17	6.1
Non-Cargo	92	195	287	145 947	-	-	-	-	-	-	0.0	47 396.72	0.1
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1990

TABLE 2M — MONTREAL-LAKE ONTARIO SECTION

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	521	109	630	10 013 890	12 486 549	6 064	-	-	3 557	12 496 170	34.1	12 310 444.35	33.3
Tug and Barge	13	15	28	58 817	54 052	-	-	-	-	54 052	0.1	55 379.03	0.1
Tanker	67	79	146	861 507	525 244	-	-	-	-	525 244	1.4	530 064.91	1.4
Non-Cargo	34	83	117	41 375	-	-	-	-	-	-	0.0	14 437.10	0.0
Total Canada	635	286	921	10 975 589	13 065 845	6 064	-	-	3 557	13 075 466	35.7	12 910 325.39	34.9
U.S.A.:													
Cargo	10	3	13	147 685	111 264	-	-	-	675	111 939	0.3	53 847.23	0.1
Tug and Barge	1	-	1	281	176	-	-	-	-	176	0.0	188.97	0.0
Tanker	8	3	11	107 135	77 081	-	-	-	-	77 081	0.2	84 607.06	0.2
Non-Cargo	10	14	24	14 047	-	-	-	-	-	-	0.0	6 549.71	0.0
Total U.S.A.	29	20	49	269 148	188 521	-	-	-	675	189 196	0.5	145 192.97	0.4
FOREIGN:													
Cargo	291	75	366	5 268 400	1 165 348	18	-	16 839	2 794 166	3 976 371	10.8	7 809 755.53	21.1
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	44	5	49	476 497	406 189	-	-	-	-	406 189	1.1	419 566.74	1.1
Non-Cargo	-	4	4	14 617	-	-	-	-	-	-	0.0	1 380.34	0.0
Total Foreign	335	84	419	5 759 514	1 571 537	18	-	16 839	2 794 166	4 382 560	12.0	8 230 702.61	22.3
Total Up	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
CANADA:													
Cargo	487	77	564	8 698 683	1 912 735	8 239 784	52 735	5 722	651 280	10 862 256	29.6	7 840 065.80	21.2
Tug and Barge	15	10	25	51 607	45 434	-	-	-	-	45 434	0.1	35 821.80	0.1
Tanker	139	55	194	1 348 761	1 278 711	-	-	-	-	1 278 711	3.5	1 149 302.27	3.1
Non-Cargo	38	76	114	55 769	-	-	-	-	-	-	0.0	17 822.71	0.0
Total Canada	679	218	897	10 154 820	3 236 880	8 239 784	52 735	5 722	651 280	12 186 401	33.2	9 043 012.58	24.5
U.S.A.:													
Cargo	408	29	437	6 600 228	2 478 550	3 983 197	35 002	1 357	303 008	6 801 114	18.6	6 560 975.64	17.7
Tug and Barge	1	2	3	3 502	1 425	-	-	-	-	1 425	0.0	1 706.15	0.0
Tanker	7	7	14	105 634	19 777	-	-	-	-	19 777	0.1	70 743.19	0.2
Non-Cargo	10	18	28	20 139	-	-	-	-	-	-	0.0	7 206.86	0.0
Total U.S.A.	426	56	482	6 729 503	2 499 752	3 983 197	35 002	1 357	303 008	6 822 316	18.6	6 640 631.84	18.0
Total Down	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
CANADA:	1 314	504	1 818	21 130 409	16 302 725	8 245 848	52 735	5 722	654 837	25 261 867	68.9	21 953 337.97	59.4
U.S.A.:	455	76	531	6 998 651	2 688 273	3 983 197	35 002	1 357	303 683	7 011 512	19.1	6 785 824.81	18.4
FOREIGN:	335	84	419	5 759 514	1 571 537	18	-	16 839	2 794 166	4 382 560	12.0	8 230 702.61	22.3
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1990

TABLE 3M

MONTREAL-LAKE ONTARIO SECTION

CLASS AND TYPE OF OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	304	93	397	5 622 604	1 307 933	18	-	16 839	2 796 808	4 121 598	11.2	7 909 496.32	21.4
Tanker	58	9	67	642 189	555 887	-	-	-	-	555 887	1.5	566 680.44	1.5
Total Ocean	362	102	464	6 264 793	1 863 820	18	-	16 839	2 796 808	4 677 485	12.8	8 476 176.76	22.9
LAKER:													
Cargo	518	94	612	9 807 371	12 455 228	6 064	-	-	1 590	12 462 882	34.0	12 264 550.79	33.2
Tug and Barge	14	15	29	59 098	54 228	-	-	-	-	54 228	0.1	55 568.00	0.2
Tanker	61	78	139	802 950	452 627	-	-	-	-	452 627	1.2	467 558.27	1.3
Total Laker	593	187	780	10 669 419	12 962 083	6 064	-	-	1 590	12 969 737	35.4	12 787 677.06	34.6
ALL OTHER:	44	101	145	70 039	-	-	-	-	-	-	0.0	22 367.15	0.1
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
OCEAN:													
Cargo	349	47	396	5 604 087	1 465 235	2 505 599	87 737	7 079	944 892	5 010 542	13.7	5 409 587.74	14.6
Tanker	41	26	67	642 189	425 872	-	-	-	-	425 872	1.2	438 072.38	1.2
Total Ocean	390	73	463	6 246 276	1 891 107	2 505 599	87 737	7 079	944 892	5 436 414	14.8	5 847 660.12	15.8
LAKER:													
Cargo	546	59	605	9 694 824	2 926 050	9 717 382	-	-	9 396	12 652 828	34.5	8 991 453.70	24.3
Tug and Barge	16	12	28	55 109	46 859	-	-	-	-	46 859	0.1	37 527.95	0.1
Tanker	105	36	141	812 206	872 616	-	-	-	-	872 616	2.4	781 973.08	2.1
Total Laker	667	107	774	10 562 139	3 845 525	9 717 382	-	-	9 396	13 572 303	37.0	9 810 954.73	26.5
ALL OTHER:	48	94	142	75 908	-	-	-	-	-	-	0.0	25 029.57	0.1
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
OCEAN:													
Cargo	653	140	793	11 226 691	2 773 168	2 505 617	87 737	23 918	3 741 700	9 132 140	24.9	13 319 084.06	36.0
Tanker	99	35	134	1 284 378	981 759	-	-	-	-	981 759	2.7	1 004 752.82	2.7
Total Ocean	752	175	927	12 511 069	3 754 927	2 505 617	87 737	23 918	3 741 700	10 113 899	27.6	14 323 836.88	38.7
LAKER:													
Cargo	1 064	153	1 217	19 502 195	15 381 278	9 723 446	-	-	10 986	25 115 710	68.5	21 256 004.49	57.5
Tug and Barge	30	27	57	114 207	101 087	-	-	-	-	101 087	0.3	93 095.95	0.3
Tanker	166	114	280	1 615 156	1 325 243	-	-	-	-	1 325 243	3.6	1 249 531.35	3.4
Total Laker	1 260	294	1 554	21 231 558	16 807 608	9 723 446	-	-	10 986	26 542 040	72.4	22 598 631.79	61.1
ALL OTHER:	92	195	287	145 947	-	-	-	-	-	-	0.0	47 396.72	0.1
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1990

TABLE 4M

MONTREAL-LAKE ONTARIO SECTION

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	291	75	366	5 268 400	1 165 348	18	-	16 839	2 796 808	3 979 013	10.9	7 809 755.53	21.1
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	44	5	49	476 497	408 010	-	-	-	-	408 010	1.1	419 566.74	1.1
Total Overseas	335	80	415	5 744 897	1 573 358	18	-	16 839	2 796 808	4 387 023	12.0	8 229 322.27	22.3
INLAND:													
Cargo	478	107	585	9 266 203	11 646 666	6 064	-	-	1 590	11 654 320	31.8	11 639 759.46	31.5
Tug and Barge	13	15	28	58 817	54 052	-	-	-	-	54 052	0.1	55 379.03	0.1
Tanker	62	73	135	799 187	480 237	-	-	-	-	480 237	1.3	493 124.92	1.3
Total Inland	553	195	748	10 124 207	12 180 955	6 064	-	-	1 590	12 188 609	33.3	12 188 263.41	33.0
COASTAL:													
Cargo	53	5	58	895 372	951 147	-	-	-	-	951 147	2.6	724 532.12	2.0
Tug and Barge	1	-	1	281	176	-	-	-	-	176	0.0	188.97	0.0
Tanker	13	9	22	169 455	120 267	-	-	-	-	120 267	0.3	121 547.05	0.3
Total Coastal	67	14	81	1 065 108	1 071 590	-	-	-	-	1 071 590	2.9	846 268.14	2.3
NON-CARGO:													
Tug	-	29	29	4 383	-	-	-	-	-	-	0.0	1 625.00	0.0
All Other	44	72	116	65 656	-	-	-	-	-	-	0.0	20 742.15	0.1
Total Non-Cargo	44	101	145	70 039	-	-	-	-	-	-	0.0	22 367.15	0.1
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
OVERSEAS:													
Cargo	346	28	374	5 393 493	1 447 923	2 505 599	87 737	7 079	942 672	4 991 010	13.6	5 373 054.59	14.5
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	32	20	52	501 226	339 093	-	-	-	-	339 093	0.9	356 737.77	1.0
Total Overseas	378	48	426	5 894 719	1 787 016	2 505 599	87 737	7 079	942 672	5 330 103	14.5	5 729 792.36	15.5
INLAND:													
Cargo	527	53	580	9 217 975	2 904 222	9 402 681	-	-	4 639	12 311 542	33.6	8 744 413.91	23.7
Tug and Barge	16	11	27	54 828	46 859	-	-	-	-	46 859	0.1	37 436.95	0.1
Tanker	97	40	137	818 967	814 379	-	-	-	-	814 379	2.2	728 016.50	2.0
Total Inland	640	104	744	10 091 770	3 765 460	9 402 681	-	-	4 639	13 172 780	35.9	9 509 867.36	25.7
COASTAL:													
Cargo	22	25	47	687 443	39 140	314 701	-	-	6 977	360 818	1.0	283 572.94	0.8
Tug and Barge	-	1	1	281	-	-	-	-	-	-	0.0	91.00	0.0
Tanker	17	2	19	134 202	145 016	-	-	-	-	145 016	0.4	135 291.19	0.4
Total Coastal	39	28	67	821 926	184 156	314 701	-	-	6 977	505 834	1.4	418 955.13	1.1
NON-CARGO:													
Tug	-	27	27	3 133	-	-	-	-	-	-	0.0	1 261.00	0.0
All Other	48	67	115	72 775	-	-	-	-	-	-	0.0	23 768.57	0.1
Total Non-Cargo	48	94	142	75 908	-	-	-	-	-	-	0.0	25 029.57	0.1
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1990

TABLE 5M

MONTREAL-LAKE ONTARIO SECTION

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	322	244	566	5 745 397	6 704 486	6 064	-	-	-	6 710 550	18.3	5 667 846.37	15.3
Canada - U.S.A.	313	42	355	5 230 192	6 361 359	-	-	-	3 557	6 364 916	17.4	7 242 479.02	19.6
Foreign - Canada	106	40	146	1 739 293	1 102 866	18	-	6 171	384 367	1 493 422	4.1	1 576 411.15	4.3
Total Canada	741	326	1 067	12 714 882	14 168 711	6 082	-	6 171	387 924	14 568 888	39.7	14 486 736.54	39.2
U.S.A. - Canada	17	6	23	238 391	188 144	-	-	-	675	188 819	0.5	136 798.51	0.4
U.S.A. - U.S.A.	12	14	26	30 757	377	-	-	-	-	377	0.0	8 394.46	0.0
Foreign - U.S.A.	229	44	273	4 020 221	468 671	-	-	10 668	2 409 799	2 889 138	7.9	6 654 291.46	18.0
Total U.S.A.	258	64	322	4 289 369	657 192	-	-	10 668	2 410 474	3 078 334	8.4	6 799 484.43	18.4
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
Canada - Canada	525	180	705	7 825 320	2 310 640	7 569 097	-	-	-	9 879 737	27.0	6 866 584.81	18.6
Canada - U.S.A.	11	4	15	127 808	133 525	-	-	-	18 726	152 251	0.4	117 566.78	0.3
Canada - Foreign	143	34	177	2 201 692	792 715	670 687	52 735	5 722	632 554	2 154 413	5.9	2 058 860.99	5.6
Total Canada	679	218	897	10 154 820	3 236 880	8 239 784	52 735	5 722	651 280	12 186 401	33.2	9 043 012.58	24.5
U.S.A. - Canada	181	30	211	3 025 986	1 515 476	2 148 285	-	-	4 722	3 668 483	10.0	2 963 394.61	8.0
U.S.A. - U.S.A.	10	11	21	10 199	-	-	-	-	-	-	0.0	6 214.86	0.0
U.S.A. - Foreign	235	15	250	3 693 318	984 276	1 834 912	35 002	1 357	298 286	3 153 833	8.6	3 671 022.37	9.9
Total U.S.A.	426	56	482	6 729 503	2 499 752	3 983 197	35 002	1 357	303 008	6 822 316	18.6	6 640 631.84	18.0
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
Canada - Canada	847	424	1 271	13 570 717	9 015 126	7 575 161	-	-	-	16 590 287	45.3	12 534 431.18	33.9
Canada - U.S.A.	324	46	370	5 358 000	6 494 884	-	-	-	22 283	6 517 167	17.8	7 360 045.80	19.9
Canada - Foreign	143	34	177	2 201 692	792 715	670 687	52 735	5 722	632 554	2 154 413	5.9	2 058 860.99	5.6
Foreign - Canada	106	40	146	1 739 293	1 102 866	18	-	6 171	384 367	1 493 422	4.1	1 576 411.15	4.3
Total Canada	1 420	544	1 964	22 869 702	17 405 591	8 245 866	52 735	11 893	1 039 204	26 755 289	73.0	23 529 749.12	63.6
U.S.A. - Canada	198	36	234	3 264 377	1 703 620	2 148 285	-	-	5 397	3 857 302	10.5	3 100 193.12	8.4
U.S.A. - U.S.A.	22	25	47	40 956	377	-	-	-	-	377	0.0	14 609.32	0.0
U.S.A. - Foreign	235	15	250	3 693 318	984 276	1 834 912	35 002	1 357	298 286	3 153 833	8.6	3 671 022.37	9.9
Foreign - U.S.A.	229	44	273	4 020 221	468 671	-	-	10 668	2 409 799	2 889 138	7.9	6 654 291.46	18.0
Total U.S.A.	684	120	804	11 018 872	3 156 944	3 983 197	35 002	12 025	2 713 482	9 900 650	27.0	13 440 116.27	36.4
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1990

TABLE 6M

MONTREAL-LAKE ONTARIO SECTION

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	743	-	743	10 549 321	14 695 960	-	-	-	-	14 695 960	40.1	14 302 412.12	38.7
Grains	2	-	2	32 296	-	6 064	-	-	-	6 064	0.0	3 859.22	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	156	-	156	2 211 024	-	-	-	-	1 994 535	1 994 535	5.4	4 668 633.57	12.6
Mixed	55	-	55	952 751	129 943	18	-	16 839	803 863	950 663	2.6	2 017 283.60	5.5
Passengers	43	-	43	12 842	-	-	-	-	-	-	0.0	14 081.39	0.0
In Ballast - Overseas	-	80	80	1 046 483	-	-	-	-	-	-	0.0	92 980.55	0.3
- Inland	-	195	195	2 048 839	-	-	-	-	-	-	0.0	171 018.78	0.5
- Coastal	-	14	14	94 063	-	-	-	-	-	-	0.0	7 789.38	0.0
- Non-Cargo	-	101	101	56 632	-	-	-	-	-	-	0.0	8 162.36	0.0
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
Bulk	397	-	397	4 519 777	5 539 369	-	-	-	-	5 539 369	15.1	5 295 600.45	14.3
Grains	466	-	466	7 563 027	-	10 664 602	-	-	-	10 664 602	29.1	6 759 498.38	18.3
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	6 260.58	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	74	-	74	945 229	-	-	-	-	826 325	826 325	2.3	1 943 650.60	5.3
Mixed	116	-	116	1 711 012	197 263	1 558 379	20 520	7 079	127 963	1 911 204	5.2	1 493 819.98	4.0
Passengers	48	-	48	14 447	-	-	-	-	-	-	0.0	17 305.58	0.0
In Ballast - Overseas	-	48	48	544 413	-	-	-	-	-	-	0.0	47 874.66	0.1
- Inland	-	104	104	1 039 210	-	-	-	-	-	-	0.0	84 162.95	0.2
- Coastal	-	28	28	416 185	-	-	-	-	-	-	0.0	27 747.25	0.1
- Non-Cargo	-	94	94	61 461	-	-	-	-	-	-	0.0	7 723.99	0.0
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
Bulk	1 140	-	1 140	15 069 098	20 235 329	-	-	-	-	20 235 329	55.2	19 598 012.57	53.0
Grains	468	-	468	7 595 323	-	10 670 666	-	-	-	10 670 666	29.1	6 763 357.60	18.3
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	6 260.58	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	230	-	230	3 156 253	-	-	-	-	2 820 860	2 820 860	7.7	6 612 284.17	17.9
Mixed	171	-	171	2 663 763	327 206	1 558 397	20 520	23 918	931 826	2 861 867	7.8	3 511 103.58	9.5
Passengers	91	-	91	27 289	-	-	-	-	-	-	0.0	31 386.97	0.1
In Ballast - Overseas	-	128	128	1 590 896	-	-	-	-	-	-	0.0	140 855.21	0.4
- Inland	-	299	299	3 088 049	-	-	-	-	-	-	0.0	255 181.73	0.7
- Coastal	-	42	42	510 248	-	-	-	-	-	-	0.0	35 536.63	0.1
- Non-Cargo	-	195	195	118 093	-	-	-	-	-	-	0.0	15 886.35	0.0
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
UPBOUND

TABLE 7M PART A

MONTREAL-LAKE ONTARIO SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	125	-	125	1 538 175	1 443 415	-	-	-	-	1 443 415	3.9	1 454 320.30	3.9
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	155	-	155	2 207 488	-	-	-	-	1 992 945	1 992 945	5.4	4 664 737.82	12.6
Mixed	55	-	55	952 751	129 943	18	-	16 839	803 863	950 663	2.6	2 017 283.60	5.5
In Ballast	-	80	80	1 046 483	-	-	-	-	-	-	0.0	92 980.55	0.3
Total Overseas	335	80	415	5 744 897	1 573 358	18	-	16 839	2 796 808	4 387 023	12.0	8 229 322.27	22.3
INLAND:													
Bulk	550	-	550	8 039 536	12 180 955	-	-	-	-	12 180 955	33.2	12 009 489.66	32.5
Grains	2	-	2	32 296	-	6 064	-	-	-	6 064	0.0	3 859.22	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	1	-	1	3 536	-	-	-	-	1 590	1 590	0.0	3 895.75	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	195	195	2 048 839	-	-	-	-	-	-	0.0	171 018.78	0.5
Total Inland	553	195	748	10 124 207	12 180 955	6 064	-	-	1 590	12 188 609	33.3	12 188 263.41	33.0
COASTAL:													
Bulk	67	-	67	971 045	1 071 590	-	-	-	-	1 071 590	2.9	838 478.76	2.3
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	14	14	94 063	-	-	-	-	-	-	0.0	7 789.38	0.0
Total Coastal	67	14	81	1 065 108	1 071 590	-	-	-	-	1 071 590	2.9	846 268.14	2.3
NON-CARGO:	44	101	145	70 039	-	-	-	-	-	-	0.0	22 367.15	0.1
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
DOWNBOUND

TABLE 7M PART B

MONTREAL-LAKE ONTARIO SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	131	-	131	1 569 325	1 653 371	-	-	-	-	1 653 371	4.5	1 674 741.70	4.5
Grains	105	-	105	1 756 341	-	1 887 316	-	-	-	1 887 316	5.1	1 233 841.39	3.3
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	6 260.58	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	70	-	70	930 839	-	-	-	-	816 846	816 846	2.2	1 921 027.73	5.2
Mixed	68	-	68	1 024 239	133 645	618 283	20 520	7 079	125 826	905 353	2.5	846 046.30	2.3
In Ballast	-	48	48	544 413	-	-	-	-	-	-	0.0	47 874.66	0.1
Total Overseas	378	48	426	5 894 719	1 787 016	2 505 599	87 737	7 079	942 672	5 330 103	14.5	5 729 792.36	15.5
INLAND:													
Bulk	247	-	247	2 794 757	3 701 842	-	-	-	-	3 701 842	10.1	3 447 232.96	9.3
Grains	349	-	349	5 591 346	-	8 501 869	-	-	-	8 501 869	23.2	5 349 288.65	14.5
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	2	-	2	6 614	-	-	-	-	2 502	2 502	0.0	6 224.77	0.0
Mixed	42	-	42	659 843	63 618	900 812	-	-	2 137	966 567	2.6	622 958.03	1.7
In Ballast	-	104	104	1 039 210	-	-	-	-	-	-	0.0	84 162.95	0.2
Total Inland	640	104	744	10 091 770	3 765 460	9 402 681	-	-	4 639	13 172 780	35.9	9 509 867.36	25.7
COASTAL:													
Bulk	19	-	19	155 695	184 156	-	-	-	-	184 156	0.5	173 625.79	0.5
Grains	12	-	12	215 340	-	275 417	-	-	-	275 417	0.8	176 368.34	0.5
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	2	-	2	7 776	-	-	-	-	6 977	6 977	0.0	16 398.10	0.0
Mixed	6	-	6	26 930	-	39 284	-	-	-	39 284	0.1	24 815.65	0.1
In Ballast	-	28	28	416 185	-	-	-	-	-	-	0.0	27 747.25	0.1
Total Coastal	39	28	67	821 926	184 156	314 701	-	-	6 977	505 834	1.4	418 955.13	1.1
NON-CARGO:	48	94	142	75 908	-	-	-	-	-	-	0.0	25 029.57	0.1
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1990

TABLE 8M

MONTREAL-LAKE ONTARIO SECTION

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	1 317	447	1 764	21 359 014	16 846 929	9 723 446	-	-	13 206	26 583 581	72.5	22 665 316.59	61.3
United States	46	37	83	88 161	28 192	-	-	-	10 356	38 548	0.1	77 824.30	0.2
England	22	8	30	457 596	153 733	162 818	-	-	79 733	396 284	1.1	456 360.96	1.2
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	10	-	10	216 610	83 760	49 999	-	2 281	110 519	246 559	0.7	376 680.25	1.0
Denmark	14	4	18	158 296	69 714	19 133	-	-	26 070	114 917	0.3	148 336.25	0.4
Norway	38	10	48	630 110	178 486	87 572	-	462	268 565	535 085	1.5	867 789.77	2.3
Sweden	2	-	2	9 490	6 572	-	-	-	5 118	11 690	0.0	18 481.57	0.0
Finland	6	2	8	99 228	16 133	8 800	-	-	27 900	52 833	0.1	88 305.38	0.2
France	11	4	15	221 481	27 320	110 792	-	-	61 567	199 679	0.5	234 265.86	0.6
West Germany	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Greece	60	12	72	1 053 649	236 183	261 679	340	496	361 846	860 544	2.3	1 272 657.08	3.4
Italy	9	1	10	85 764	30 059	18 522	-	-	25 064	73 645	0.2	102 625.19	0.3
Poland	33	7	40	602 668	67 167	269 639	-	-	219 070	555 876	1.5	755 527.23	2.0
Russia	9	3	12	139 014	11 394	-	-	1 731	18 665	31 790	0.1	66 713.78	0.2
Spain	20	6	26	216 232	133 425	-	-	-	34 267	167 692	0.5	220 647.12	0.6
Yugoslavia	33	7	40	740 266	154 883	213 810	18 001	400	185 930	573 024	1.6	738 511.54	2.0
Iceland	2	-	2	9 616	12 436	-	-	-	-	12 436	0.0	12 430.92	0.0
Cuba	8	6	14	178 819	65 806	23 387	-	72	573	89 838	0.2	91 980.10	0.2
Panama	77	17	94	1 182 018	366 400	192 524	32 215	95	401 543	992 777	2.7	1 442 341.72	3.9
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	16	4	20	255 248	102 037	32 704	-	-	67 383	202 124	0.6	286 389.15	0.8
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	22	8	30	431 424	34 191	89 149	-	8	162 337	285 685	0.8	475 598.99	1.3
Japan	7	1	8	142 516	15 437	36 639	-	656	69 109	121 841	0.3	204 172.45	0.6
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	6	-	6	58 564	41 420	-	-	8	6 468	47 896	0.1	58 351.83	0.2
Other Asia	2	2	4	64 998	14 530	16 092	-	-	-	30 622	0.1	28 535.19	0.1
Liberia	144	20	164	2 269 844	983 785	300 863	18 673	12 611	605 075	1 921 007	5.2	2 629 255.83	7.1
Algeria	2	-	2	19 536	-	-	-	-	1 021	1 021	0.0	4 055.50	0.0
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	188	58	246	3 198 412	882 543	611 495	18 508	5 098	991 301	2 508 945	6.8	3 646 710.84	9.9
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1990

TABLE 9M — MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total	
Wheat	-	9 208 726	67 493	-	-	9 276 219	25.3
Corn	-	1 196 720	9 323	-	-	1 206 043	3.3
Rye	-	5 690	-	-	-	5 690	0.0
Oats	-	5 623	-	-	-	5 623	0.0
Barley	-	1 125 343	-	-	-	1 125 343	3.1
Flour, Wheat	-	-	4 491	-	-	4 491	0.0
Flour, Edible, Other	31	-	954	127	11	1 123	0.0
Soybeans	-	272 864	-	-	-	272 864	0.7
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	107 925	2 154	-	-	110 079	0.3
Malt	-	-	-	-	-	-	0.0
Flaxseed	-	165 696	-	-	-	165 696	0.5
Sunflower Seeds	-	-	-	-	-	-	0.0
Other Agricultural Products	73 662	140 476	-	57	7	214 202	0.6
Total Agricultural Products	73 693	12 229 063	84 415	184	18	12 387 373	33.8
Packing House Products, Edible	-	-	-	19	4	23	0.0
Hides, Skins and Pelts	-	-	-	-	-	-	0.0
Other Animal Products	45 711	-	-	254	4	45 969	0.1
Total Animal Products	45 711	-	-	273	8	45 992	0.1
Bituminous Coal	489 355	-	-	-	-	489 355	1.3
Coke	946 154	-	-	-	-	946 154	2.6
Iron Ore	11 527 835	-	-	-	-	11 527 835	31.4
Aluminum Ore and Concentrates	178 327	-	-	-	-	178 327	0.5
Clay and Bentonite	229 581	-	-	-	-	229 581	0.6
Gravel and Sand	-	-	-	-	-	-	0.0
Stone, Ground or Crushed	715 500	-	-	-	-	715 500	2.0
Stone, Rough	117	-	-	-	-	117	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 183 829	-	-	-	-	1 183 829	3.2
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 271 875	-	-	439	54	1 272 368	3.5
Total Mine Products	16 542 573	-	-	439	54	16 543 066	45.1
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	64 623	-	-	46	7	64 676	0.2
Total Forest Products	64 623	-	-	46	7	64 676	0.2
Gasoline	481 265	-	-	-	-	481 265	1.3
Fuel Oil	890 612	-	-	-	-	890 612	2.4
Lubricating Oils and Grease	35 852	-	-	-	-	35 852	0.1
Petroleum Products, Other	53 125	-	-	-	2	53 127	0.1
Rubber, Crude, Natural, Synthetic	-	-	-	-	16	16	0.0
Chemicals	811 974	-	-	1 305	3 783	817 062	2.2
Sodium Products	105 165	-	-	119	-	105 284	0.3
Tar, Pitch and Creosote	23 770	-	-	-	-	23 770	0.1
Pig Iron	67 942	-	-	-	-	67 942	0.2
Iron and Steel, Bars, Rods, Slabs	-	-	-	36	498 248	498 284	1.4
Iron and Steel, Nails and Wire	-	-	-	153	2 751	2 904	0.0
Iron and Steel, Manufactured	16 622	-	-	531	3 089 134	3 106 287	8.5
Machinery and Machines	689	-	-	3 977	33 581	38 247	0.1
Cement	26 929	-	-	-	1 502	28 431	0.1
Woodpulp	69 620	-	-	-	-	69 620	0.2
Newsprint	-	-	-	-	148	148	0.0
Syrup and Molasses	6 311	-	-	-	-	6 311	0.0
Sugar	266 082	-	-	-	-	266 082	0.7
Food Products	-	-	2 234	748	596	3 578	0.0
Scrap Iron and Steel	233 668	-	-	-	-	233 668	0.6
Other Manufactures and Misc. (1)	746 309	-	1 088	16 107	122 838	886 342	2.4
Total Manufactures and Misc.	3 835 935	-	3 322	22 976	3 752 599	7 614 832	20.8
GRAND TOTAL	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10M PART A — MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY From: / To:	UPBOUND TONNES: CANADA — Canada	CANADA — United States	UNITED STATES — Canada	UNITED STATES — United States	FOREIGN — Canada	FOREIGN — United States	TOTAL UP-BOUND	% OF TOTAL UP-BOUND
1	Wheat	-	-	-	-	-	-	-	0.0
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	2 400	-	-	-	-	-	2 400	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	37	-	37	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	-	-	-	0.0
10	Beans and Peas	-	-	-	-	18	-	18	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	-	-	-	0.0
14	Other Agricultural Products	3 664	-	-	-	54	10	3 728	0.0
15	Total Agricultural Products	6 064	-	-	-	109	10	6 183	0.0
16	Packing House Products, Edible	-	-	-	-	-	19	19	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	-	-	0.0
18	Other Animal Products	-	-	-	-	80	165	245	0.0
19	Total Animal Products	-	-	-	-	80	184	264	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	-	-	-	-	-	-	0.0
22	Iron Ore	5 375 988	6 082 729	-	-	-	59 888	11 518 605	65.3
23	Aluminum Ore and Concentrates	8 922	-	-	-	154 375	15 030	178 327	1.0
24	Clay and Bentonite	-	-	-	-	-	5 905	5 905	0.0
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	-	-	-	-	-	-	-	0.0
27	Stone, Rough	-	-	-	-	-	117	117	0.0
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	368 716	-	-	-	-	-	368 716	2.1
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	578 241	40 039	35 420	-	153 671	193 843	1 001 214	5.7
33	Total Mine Products	6 331 867	6 122 768	35 420	-	308 046	274 783	13 072 884	74.1
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	42	4	46	0.0
36	Total Forest Products	-	-	-	-	42	4	46	0.0
37	Gasoline	189 611	6 836	18 417	-	156 796	-	371 660	2.1
38	Fuel Oil	129 245	107 831	-	-	25 716	-	262 792	1.5
39	Lubricating Oils and Grease	-	-	5 401	-	28 476	-	33 877	0.2
40	Petroleum Products, Other	27 262	-	-	-	15 002	-	42 264	0.2
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	1 198	17 429	109 824	-	192 266	49 530	370 247	2.1
43	Sodium Products	1 054	-	11 902	-	91	28	13 075	0.1
44	Tar, Pitch and Creosote	-	5 812	-	-	-	-	5 812	0.0
45	Pig Iron	5 702	62 240	-	-	-	-	67 942	0.4
46	Iron and Steel, Bars, Rods, Slabs	-	-	-	-	176 103	259 179	435 282	2.5
47	Iron and Steel, Nails and Wire	-	-	-	-	507	2 284	2 791	0.0
48	Iron and Steel, Manufactured	-	-	-	-	193 972	2 051 335	2 245 307	12.7
49	Machinery and Machines	250	-	675	359	1 906	17 823	21 013	0.1
50	Cement	-	-	-	-	16 672	-	16 672	0.1
51	Woodpulp	-	-	-	-	14 686	21 193	35 879	0.2
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	2 772	-	-	-	2 114	-	4 886	0.0
54	Sugar	-	-	-	-	266 082	-	266 082	1.5
55	Food Products	-	-	-	-	168	482	650	0.0
56	Scrap Iron and Steel	-	25	-	-	-	809	834	0.0
57	Other Manufactures and Misc. (1)	15 525	41 975	7 180	18	94 588	211 494	370 780	2.1
58	Total Manufactures and Misc.	372 619	242 148	153 399	377	1 185 145	2 614 157	4 567 845	25.9
59	GRAND TOTAL	6 710 550	6 364 916	188 819	377	1 493 422	2 889 138	17 647 222	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10M PART B — MONTREAL-LAKE ONTARIO SECTION

From:	DOWNBOUND TONNES						TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		
	CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	NO.
To:	Canada	United States	Foreign	Canada	United States	Foreign					
	7 071 222	-	333 800	965 593	-	905 604	9 276 219	48.8	9 276 219	25.3	1
	157 451	-	30 353	576 118	-	442 121	1 206 043	6.3	1 206 043	3.3	2
	-	-	5 690	-	-	-	5 690	0.0	5 690	0.0	3
	5 623	-	-	-	-	-	5 623	0.0	5 623	0.0	4
	276 072	-	-	606 574	-	240 297	1 122 943	5.9	1 125 343	3.1	5
	-	-	4 491	-	-	-	4 491	0.0	4 491	0.0	6
	-	-	1 086	-	-	-	1 086	0.0	1 123	0.0	7
	-	-	37 939	-	-	234 925	272 864	1.4	272 864	0.7	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	7 631	-	78 231	-	-	24 199	110 061	0.6	110 079	0.3	10
	-	-	-	-	-	-	-	0.0	-	0.0	11
	-	-	165 696	-	-	-	165 696	0.9	165 696	0.5	12
	-	-	-	-	-	-	-	0.0	-	0.0	13
	99 449	-	73 045	-	-	37 980	210 474	1.1	214 202	0.6	14
	7 617 448	-	730 331	2 148 285	-	1 885 126	12 381 190	65.1	12 387 373	33.8	15
	-	-	4	-	-	-	4	0.0	23	0.0	16
	-	-	-	-	-	-	-	0.0	-	0.0	17
	-	-	36 733	-	-	8 991	45 724	0.2	45 969	0.1	18
	-	-	36 737	-	-	8 991	45 728	0.2	45 992	0.1	19
	23 542	-	-	444 233	-	21 580	489 355	2.6	489 355	1.3	20
	97 728	-	28 847	514 053	-	305 526	946 154	5.0	946 154	2.6	21
	-	-	-	9 230	-	-	9 230	0.0	11 527 835	31.4	22
	-	-	-	-	-	-	-	0.0	178 327	0.5	23
	-	-	-	141 712	-	81 964	223 676	1.2	229 581	0.6	24
	-	-	-	-	-	-	-	0.0	-	0.0	25
	525 334	-	-	190 166	-	-	715 500	3.8	715 500	2.0	26
	-	-	-	-	-	-	-	0.0	117	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	625 460	-	-	189 653	-	-	815 113	4.3	1 183 829	3.2	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	22 675	39 140	191 696	-	-	17 643	271 154	1.4	1 272 368	3.5	32
	1 294 739	39 140	220 543	1 489 047	-	426 713	3 470 182	18.3	16 543 066	45.1	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	64 630	-	-	-	64 630	0.3	64 676	0.2	35
	-	-	64 630	-	-	-	64 630	0.3	64 676	0.2	36
	85 328	-	24 277	-	-	-	109 605	0.6	481 265	1.3	37
	583 511	37 263	-	7 046	-	-	627 820	3.3	890 612	2.4	38
	-	-	1 975	-	-	-	1 975	0.0	35 852	0.1	39
	9 063	-	1 800	-	-	-	10 863	0.1	53 127	0.1	40
	-	-	16	-	-	-	16	0.0	16	0.0	41
	132 352	49 011	261 712	-	-	3 740	446 815	2.4	817 062	2.2	42
	92 209	-	-	-	-	-	92 209	0.5	105 284	0.3	43
	-	-	-	17 958	-	-	17 958	0.1	23 770	0.1	44
	-	-	-	-	-	-	-	0.0	67 942	0.2	45
	-	-	56 319	-	-	6 683	63 002	0.3	498 284	1.4	46
	-	-	113	-	-	-	113	0.0	2 904	0.0	47
	1 002	18 726	560 873	4 279	-	276 100	860 980	4.5	3 106 287	8.5	48
	80	-	4 594	360	-	12 200	17 234	0.1	38 247	0.1	49
	10 257	-	1 502	-	-	-	11 759	0.1	28 431	0.1	50
	-	-	32 521	-	-	1 220	33 741	0.2	69 620	0.2	51
	-	-	148	-	-	-	148	0.0	148	0.0	52
	-	-	-	1 425	-	-	1 425	0.0	6 311	0.0	53
	-	-	-	-	-	-	-	0.0	266 082	0.7	54
	-	-	2 928	-	-	-	2 928	0.0	3 578	0.0	55
	28 818	-	68 524	-	-	135 492	232 834	1.2	233 668	0.6	56
	24 930	8 111	84 870	83	-	397 563	515 562	2.7	886 342	2.4	57
	967 550	113 111	1 102 172	31 151	-	833 003	3 046 987	16.0	7 614 832	20.8	58
	9 879 737	152 251	2 154 413	3 668 483	-	3 153 833	19 008 717	100.0	36 655 939	100.0	59

TRAFFIC BY VESSEL LENGTH
1990

TABLE 11M

MONTREAL-LAKE ONTARIO SECTION

VESSEL LENGTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
under 32 m	1	47	48	5 638	-	-	-	-	-	-	0.0	2 230.18	0.0
32 - 62 m	48	53	101	41 764	3 877	-	-	-	-	3 877	0.0	21 592.90	0.1
63 - 93 m	15	12	27	66 859	44 740	-	-	-	8 716	53 456	0.1	65 454.40	0.2
94 - 124 m	65	38	103	464 557	293 046	-	-	-	69 935	362 981	1.0	449 874.78	1.2
125 - 155 m	121	101	222	1 736 281	816 829	-	-	374	149 798	967 001	2.6	1 187 402.05	3.2
156 - 186 m	165	34	199	2 972 322	938 066	18	-	3 239	1 312 203	2 253 526	6.1	4 049 722.05	11.0
187 - 217 m	94	22	116	1 860 919	1 270 920	-	-	669	480 509	1 752 098	4.8	2 304 282.36	6.2
over 217 m	490	83	573	9 855 911	11 458 425	6 064	-	12 557	777 237	12 254 283	33.4	13 205 662.25	35.7
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
under 32 m	1	44	45	4 981	-	-	-	-	-	-	0.0	1 916.18	0.0
32 - 62 m	58	40	98	44 268	12 385	-	-	-	-	12 385	0.0	32 324.46	0.1
63 - 93 m	12	17	29	69 551	34 474	-	-	-	8 188	42 662	0.1	45 386.22	0.1
94 - 124 m	76	26	102	461 848	373 164	64 408	-	-	34 644	472 216	1.3	466 754.00	1.3
125 - 155 m	172	53	225	1 747 866	1 326 622	94 200	18 848	2 666	65 668	1 508 004	4.1	1 508 707.00	4.1
156 - 186 m	169	30	199	2 970 009	733 907	1 105 177	50 888	4 413	566 091	2 460 476	6.7	2 843 975.42	7.7
187 - 217 m	89	27	116	1 853 837	279 996	1 099 500	18 001	-	254 182	1 651 679	4.5	1 614 696.11	4.4
over 217 m	528	37	565	9 731 963	2 976 084	9 859 696	-	-	25 515	12 861 295	35.1	9 169 885.03	24.8
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
under 32 m	2	91	93	10 619	-	-	-	-	-	-	0.0	4 146.36	0.0
32 - 62 m	106	93	199	86 032	16 262	-	-	-	-	16 262	0.0	53 917.36	0.1
63 - 93 m	27	29	56	136 410	79 214	-	-	-	16 904	96 118	0.3	110 840.62	0.3
94 - 124 m	141	64	205	926 405	666 210	64 408	-	-	104 579	835 197	2.3	916 628.78	2.5
125 - 155 m	293	154	447	3 484 147	2 143 451	94 200	18 848	3 040	215 466	2 475 005	6.8	2 696 109.05	7.3
156 - 186 m	334	64	398	5 942 331	1 671 973	1 105 195	50 888	7 652	1 878 294	4 714 002	12.9	6 893 697.47	18.6
187 - 217 m	183	49	232	3 714 756	1 550 916	1 099 500	18 001	669	734 691	3 403 777	9.3	3 918 978.47	10.6
over 217 m	1 018	120	1 138	19 587 874	14 434 509	9 865 760	-	12 557	802 752	25 115 578	68.5	22 375 547.28	60.5
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1990

TABLE 12M — MONTREAL-LAKE ONTARIO SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
UPBOUND:											
under 1000	49	101	150	47 814	3 877	-	-	-	-	3 877	0.0
1000 - 1999	13	7	20	35 699	18 799	-	-	-	5 727	24 526	0.1
2000 - 2999	3	6	9	25 266	8 541	-	-	-	-	8 541	0.0
3000 - 3999	26	10	36	131 520	109 589	-	-	-	25 880	135 469	0.4
4000 - 4999	28	26	54	254 227	157 812	-	-	-	24 893	182 705	0.5
5000 - 5999	44	33	77	435 949	300 297	-	-	-	11 845	312 142	0.9
6000 - 6999	11	14	25	160 072	47 385	-	-	-	18 385	65 770	0.2
7000 - 7999	21	10	31	239 444	179 322	-	-	-	12 729	192 051	0.5
8000 - 8999	18	12	30	255 231	63 328	-	-	-	73 325	136 653	0.4
9000 - 9999	33	16	49	474 678	270 919	18	-	2 719	10 640	284 296	0.8
10000 - 10999	11	8	19	198 450	91 117	-	-	-	17 294	108 411	0.3
11000 - 11999	30	7	37	422 679	312 911	-	-	-	30 548	343 459	0.9
12000 - 12999	8	8	16	199 589	45 280	-	-	-	46 084	91 364	0.2
13000 - 13999	22	14	36	493 443	355 338	-	-	-	52 840	408 178	1.1
14000 - 14999	30	17	47	700 093	500 640	-	-	-	100 344	600 984	1.6
15000 - 15999	137	26	163	2 560 699	2 951 490	2 400	-	84	197 677	3 151 651	8.6
16000 - 16999	256	51	307	5 053 918	5 022 077	3 664	-	669	692 377	5 718 787	15.6
17000 & over	259	24	283	5 315 480	4 387 181	-	-	13 367	1 477 810	5 878 358	16.0
Total Up	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1
DOWNBOUND:											
under 1000	60	86	146	51 560	12 385	-	-	-	360	12 745	0.0
1000 - 1999	6	15	21	37 381	-	-	-	-	5 590	5 590	0.0
2000 - 2999	3	6	9	25 266	8 909	-	-	-	2 137	11 046	0.0
3000 - 3999	27	8	35	127 978	128 589	5 336	-	-	15 412	149 337	0.4
4000 - 4999	44	10	54	253 945	259 440	52 174	-	-	7 165	318 779	0.9
5000 - 5999	51	28	79	447 760	338 725	22 432	-	-	16 529	377 686	1.0
6000 - 6999	23	2	25	160 072	157 510	-	-	260	15 160	172 930	0.5
7000 - 7999	25	6	31	239 444	238 425	-	-	-	864	239 289	0.7
8000 - 8999	25	5	30	255 231	168 095	30 077	2 433	8	932	201 545	0.5
9000 - 9999	39	10	49	473 833	199 361	55 780	16 415	6 731	24 745	303 032	0.8
10000 - 10999	13	6	19	198 450	52 537	44 987	-	80	19 169	116 773	0.3
11000 - 11999	31	6	37	422 679	317 212	-	1 672	-	5 043	323 927	0.9
12000 - 12999	13	4	17	212 331	120 208	65 030	-	-	1 041	186 279	0.5
13000 - 13999	33	4	37	507 377	206 167	360 321	-	-	24 805	591 293	1.6
14000 - 14999	45	-	45	668 096	174 816	626 545	-	-	78 770	880 131	2.4
15000 - 15999	143	17	160	2 512 892	292 344	2 861 018	-	-	78 158	3 231 520	8.8
16000 - 16999	265	37	302	4 971 736	532 848	5 115 387	17 001	-	303 935	5 969 171	16.3
17000 & over	259	24	283	5 318 292	2 529 061	2 983 894	50 216	-	354 473	5 917 644	16.1
Total Down	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9
TOTALS:											
under 1000	109	187	296	99 374	16 262	-	-	-	360	16 622	0.0
1000 - 1999	19	22	41	73 080	18 799	-	-	-	11 317	30 116	0.1
2000 - 2999	6	12	18	50 532	17 450	-	-	-	2 137	19 587	0.1
3000 - 3999	53	18	71	259 498	238 178	5 336	-	-	41 292	284 806	0.8
4000 - 4999	72	36	108	508 172	417 252	52 174	-	-	32 058	501 484	1.4
5000 - 5999	95	61	156	883 709	639 022	22 432	-	-	28 374	689 828	1.9
6000 - 6999	34	16	50	320 144	204 895	-	-	260	33 545	238 700	0.7
7000 - 7999	46	16	62	478 888	417 747	-	-	-	13 593	431 340	1.2
8000 - 8999	43	17	60	510 462	231 423	30 077	2 433	8	74 257	338 198	0.9
9000 - 9999	72	26	98	948 511	470 280	55 798	16 415	9 450	35 385	587 328	1.6
10000 - 10999	24	14	38	396 900	143 654	44 987	-	80	36 463	225 184	0.6
11000 - 11999	61	13	74	845 358	630 123	-	1 672	-	35 591	667 386	1.8
12000 - 12999	21	12	33	411 920	165 488	65 030	-	-	47 125	277 643	0.8
13000 - 13999	55	18	73	1 000 820	561 505	360 321	-	-	77 645	999 471	2.7
14000 - 14999	75	17	92	1 368 189	675 456	626 545	-	-	179 114	1 481 115	4.0
15000 - 15999	280	43	323	5 073 591	3 243 834	2 863 418	-	84	275 835	6 383 171	17.4
16000 - 16999	521	88	609	10 025 654	5 554 925	5 119 051	17 001	669	996 312	11 687 958	31.9
17000 & over	518	48	566	10 633 772	6 916 242	2 983 894	50 216	13 367	1 832 283	11 796 002	32.2
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO

1990

TABLE 13M

MONTREAL-LAKE ONTARIO SECTION

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
March	15	5	20	296 346	321 066	-	-	-	-	321 066	0.9	323 718.88	0.9
April	99	50	149	1 957 536	1 638 340	3 664	-	2 207	222 129	1 866 340	5.1	2 154 175.23	5.8
May	118	42	160	2 000 315	1 793 682	2 400	-	1 406	286 316	2 083 804	5.7	2 454 804.04	6.6
June	103	56	159	1 849 827	1 523 285	-	-	3 309	222 783	1 749 377	4.8	2 060 435.34	5.6
July	132	38	170	1 933 806	1 922 950	-	-	2 031	303 961	2 228 942	6.1	2 627 059.80	7.1
August	112	41	153	1 758 146	1 591 230	-	-	1 027	260 912	1 853 169	5.1	2 182 422.87	5.9
September	106	32	138	1 670 234	1 576 368	-	-	2 142	308 510	1 887 020	5.1	2 261 360.39	6.1
October	119	37	156	1 845 292	1 696 882	-	-	2 531	362 513	2 061 926	5.6	2 512 367.84	6.8
November	145	37	182	2 365 610	1 790 881	-	-	1 415	747 223	2 539 519	6.9	3 513 693.20	9.5
December	50	52	102	1 327 139	971 219	18	-	771	84 051	1 056 059	2.9	1 196 183.38	3.2
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Upbound	999	390	1 389	17 004 251	14 825 903	6 082	-	16 839	2 798 398	17 647 222	48.1	21 286 220.97	57.6
DOWNBOUND:													
March	1	-	1	16 649	-	23 904	-	-	-	23 904	0.1	15 123.69	0.0
April	104	16	120	1 554 637	482 893	1 415 891	-	173	89 614	1 988 571	5.4	1 575 496.93	4.3
May	132	24	156	1 991 434	519 108	1 749 769	10 328	522	121 425	2 401 152	6.6	1 904 058.83	5.2
June	147	31	178	2 034 818	698 263	1 467 660	5 747	72	170 785	2 342 527	6.4	2 038 127.60	5.5
July	116	41	157	1 771 289	817 909	924 935	-	2 380	121 443	1 866 667	5.1	1 705 893.72	4.6
August	124	46	170	1 987 679	780 987	1 128 893	-	-	86 898	1 996 778	5.4	1 704 974.87	4.6
September	97	34	131	1 538 273	609 721	944 813	18 037	-	83 391	1 655 962	4.5	1 382 828.83	3.7
October	107	40	147	1 805 681	642 088	1 023 145	14 178	2 255	36 905	1 718 571	4.7	1 374 723.12	3.7
November	142	21	163	2 132 127	619 009	1 842 439	39 447	350	101 107	2 602 352	7.1	2 004 047.04	5.4
December	135	21	156	2 051 736	566 654	1 701 532	-	1 327	142 720	2 412 233	6.6	1 978 369.79	5.4
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Downbound	1 105	274	1 379	16 884 323	5 736 632	12 222 981	87 737	7 079	954 288	19 008 717	51.9	15 683 644.42	42.4
TOTALS:													
March	16	5	21	312 995	321 066	23 904	-	-	-	344 970	0.9	338 842.57	0.9
April	203	66	269	3 512 173	2 121 233	1 419 555	-	2 380	311 743	3 854 911	10.5	3 729 672.16	10.1
May	250	66	316	3 991 749	2 312 790	1 752 169	10 328	1 928	407 741	4 484 956	12.2	4 358 862.87	11.8
June	250	87	337	3 884 645	2 221 548	1 467 660	5 747	3 381	393 568	4 091 904	11.2	4 098 562.94	11.1
July	248	79	327	3 705 095	2 740 859	924 935	-	4 411	425 404	4 095 609	11.2	4 332 953.52	11.7
August	236	87	323	3 745 825	2 372 217	1 128 893	-	1 027	347 810	3 849 947	10.5	3 887 397.74	10.5
September	203	66	269	3 208 507	2 186 089	944 813	18 037	2 142	391 901	3 542 982	9.7	3 644 189.22	9.9
October	226	77	303	3 650 973	2 338 970	1 023 145	14 178	4 786	399 418	3 780 497	10.3	3 887 090.96	10.5
November	287	58	345	4 497 737	2 409 890	1 842 439	39 447	1 765	848 330	5 141 871	14.0	5 517 740.24	14.9
December	185	73	258	3 378 875	1 537 873	1 701 550	-	2 098	226 771	3 468 292	9.5	3 174 553.17	8.6
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
GRAND TOTAL	2 104	664	2 768	33 888 574	20 562 535	12 229 063	87 737	23 918	3 752 686	36 655 939	100.0	36 969 865.39	100.0

TRAFFIC RESULTS
1959 - 1990

HISTORICAL TABLE 14M

MONTREAL-LAKE ONTARIO SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959	3 732	3 720	7 452	9 933 505	8 748 278	18 681 783	12 577 585	12 508 410	25 085 995	5 516 900	4 529 977	10 046 877
1960	3 445	3 424	6 869	7 966 552	10 458 683	18 425 235	12 609 246	12 522 004	25 131 250	4 529 504	5 579 555	10 109 059
1961	3 445	3 447	6 892	7 470 204	13 773 993	21 244 197	14 493 351	14 415 227	28 908 578	4 445 583	6 961 477	11 407 060
1962	3 170	3 181	6 351	9 869 712	13 348 410	23 218 122	15 472 804	15 538 657	31 011 461	5 688 163	6 886 612	12 574 775
1963	3 152	3 133	6 285	12 283 320	15 787 597	28 070 917	17 537 549	17 493 162	35 030 711	7 005 530	8 116 752	15 122 282
1964	3 383	3 396	6 779	16 806 727	18 853 823	35 660 550	20 266 121	20 322 026	40 588 147	9 394 046	9 691 201	19 085 247
1965	3 634	3 696	7 330	20 062 880	19 293 390	39 356 270	22 185 070	22 283 710	44 468 780	12 010 414	9 798 598	21 809 012
1966	3 666	3 675	7 341	23 381 538	21 296 726	44 678 264	25 051 331	24 966 394	50 017 725	13 613 843	10 720 519	24 334 362
1967	3 446	3 475	6 921	24 260 978	15 681 129	39 942 107	23 050 237	23 128 249	46 178 486	14 045 734	8 304 054	22 349 788
1968	3 270	3 306	6 576	27 566 575	15 936 424	43 502 999	23 968 459	24 043 967	48 012 426	16 509 868	8 378 997	24 888 865
1969	3 198	3 194	6 392	20 362 081	16 845 229	37 207 310	21 487 237	21 519 976	43 007 213	12 410 508	9 045 970	21 456 478
1970	3 122	3 158	6 280	22 897 783	23 523 651	46 421 434	22 538 319	22 591 596	45 129 915	13 427 323	12 031 904	25 459 227
1971	3 023	3 048	6 071	23 615 721	24 453 688	48 069 409	24 814 664	24 842 334	49 656 998	15 134 510	12 272 127	27 406 637
1972	2 977	2 985	5 962	23 119 000	25 557 430	48 676 430	25 124 503	25 089 415	50 213 918	14 569 703	12 731 386	27 301 089
1973	3 064	3 061	6 125	25 065 766	27 219 041	52 284 807	25 788 061	25 949 756	51 737 817	14 508 317	13 386 074	27 894 391
1974	2 140	2 120	4 260	20 870 412	19 178 567	40 048 979	18 975 796	19 057 417	38 033 213	11 742 003	9 577 814	21 319 817
1975	2 353	2 351	4 704	19 899 887	23 654 416	43 554 303	22 041 474	22 062 562	44 104 036	11 022 784	11 569 430	22 592 214
1976	2 426	2 433	4 859	26 143 114	23 205 325	49 348 439	24 111 968	24 155 231	48 267 199	14 178 101	11 635 123	25 813 224
1977	2 594	2 591	5 185	31 764 277	25 692 064	57 456 341	27 034 614	27 070 012	54 104 626	18 087 006	12 682 285	30 769 291
1978	2 640	2 622	5 262	24 854 039	32 088 641	56 942 680	29 421 326	29 238 061	58 659 387	17 373 230	15 837 793	33 211 023
1979	2 425	2 421	4 846	24 382 965	30 939 128	55 322 093	27 354 785	27 387 252	54 742 037	19 829 809	16 035 932	35 865 741
1980	2 482	2 476	4 958	14 925 615	34 528 494	49 454 109	28 092 501	28 258 082	56 350 583	13 253 210	19 145 125	32 398 335
1981	2 283	2 291	4 574	18 822 201	31 747 056	50 569 257	26 422 767	26 428 932	52 851 699	17 478 725	16 933 100	34 411 825
1982	2 147	2 156	4 303	11 149 898	31 665 416	42 815 314	25 716 121	25 798 862	51 514 983	12 588 296	20 744 385	33 332 681
1983	1 931	1 939	3 870	15 579 017	29 481 964	45 060 981	24 194 830	24 155 396	48 350 226	18 567 582	19 113 308	37 680 890
1984	1 878	1 881	3 759	18 636 683	28 868 773	47 505 456	24 133 253	24 198 087	48 331 340	22 956 821	18 642 079	41 598 900
1985	1 538	1 550	3 088	14 825 309	22 496 389	37 321 698	19 348 019	19 581 652	38 929 671	18 210 621	15 355 006	33 565 627
1986	1 663	1 644	3 307	14 646 185	22 935 623	37 581 808	20 702 503	20 768 506	41 471 009	18 086 324	15 968 059	34 054 383
1987	1 614	1 613	3 227	16 810 464	23 158 151	39 968 615	20 135 888	20 350 874	40 486 762	20 154 446	15 327 153	35 481 599
1988	1 576	1 566	3 142	18 654 260	21 903 409	40 557 669	19 505 633	19 433 211	38 938 844	22 224 901	15 134 091	37 358 992
1989	1 375	1 393	2 768	17 527 216	19 543 154	37 070 370	17 388 156	17 751 692	35 139 848	20 424 067	16 541 993	36 966 060
1990	1 389	1 379	2 768	17 647 222	19 008 717	36 655 939	17 004 251	16 884 323	33 888 574	21 286 221	15 683 644	36 969 865
TOTAL	84 181	84 325	168 506	601 801 106	710 872 779	1 312 673 885	698 548 422	699 795 035	1 398 343 457	460 274 093	404 361 523	864 635 616

CARGO BY TARIFF CLASSIFICATION

1959 - 1990

HISTORICAL TABLE 15M

MONTREAL-LAKE ONTARIO SECTION

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	16 912 625	90.5	-	0.0	-	0.0	-	0.0	1 769 158	9.5	18 681 783	100.0
1960	16 380 534	88.9	-	0.0	-	0.0	-	0.0	2 044 701	11.1	18 425 235	100.0
1961	19 362 530	91.1	-	0.0	-	0.0	-	0.0	1 881 667	8.9	21 244 197	100.0
1962	20 934 187	90.2	-	0.0	-	0.0	-	0.0	2 283 935	9.8	23 218 122	100.0
1963	25 403 072	90.5	-	0.0	-	0.0	-	0.0	2 667 845	9.5	28 070 917	100.0
1964	32 325 207	90.6	-	0.0	-	0.0	-	0.0	3 335 343	9.4	35 660 550	100.0
1965	34 294 717	87.1	-	0.0	-	0.0	-	0.0	5 061 553	12.9	39 356 270	100.0
1966	39 699 009	88.9	-	0.0	-	0.0	-	0.0	4 979 255	11.1	44 678 264	100.0
1967	34 532 794	86.5	-	0.0	-	0.0	-	0.0	5 409 313	13.5	39 942 107	100.0
1968	36 242 775	83.3	-	0.0	-	0.0	-	0.0	7 260 224	16.7	43 502 999	100.0
1969	30 807 438	82.8	-	0.0	-	0.0	-	0.0	6 399 872	17.2	37 207 310	100.0
1970	40 481 680	87.2	-	0.0	-	0.0	-	0.0	5 939 754	12.8	46 421 434	100.0
1971	40 252 577	83.7	-	0.0	-	0.0	-	0.0	7 816 832	16.3	48 069 409	100.0
1972	41 558 573	85.4	-	0.0	-	0.0	-	0.0	7 117 857	14.6	48 676 430	100.0
1973	47 000 157	89.9	-	0.0	-	0.0	-	0.0	5 284 650	10.1	52 284 807	100.0
1974	35 946 352	89.8	-	0.0	-	0.0	-	0.0	4 102 627	10.2	40 048 979	100.0
1975	40 272 182	92.5	-	0.0	-	0.0	-	0.0	3 282 121	7.5	43 554 303	100.0
1976	45 231 966	91.7	-	0.0	-	0.0	-	0.0	4 116 473	8.3	49 348 439	100.0
1977	51 294 573	89.3	-	0.0	-	0.0	-	0.0	6 161 768	10.7	57 456 341	100.0
1978	24 475 763	43.0	27 736 129	48.7	129 095	0.2	271 485	0.5	4 330 208	7.6	56 942 680	100.0
1979	26 537 818	48.0	24 716 522	44.7	158 942	0.3	229 229	0.4	3 679 582	6.7	55 322 093	100.0
1980	19 859 217	40.2	26 747 760	54.1	168 209	0.3	166 055	0.3	2 512 868	5.1	49 454 109	100.0
1981	22 403 159	44.3	24 453 200	48.4	242 632	0.5	64 746	0.1	3 405 520	6.7	50 569 257	100.0
1982	15 013 588	35.1	24 247 173	56.6	292 456	0.7	78 478	0.2	3 183 619	7.4	42 815 314	100.0
1983	17 158 894	38.1	24 262 669	53.8	294 379	0.7	60 073	0.1	3 284 966	7.3	45 060 981	100.0
1984	18 835 140	39.6	23 500 719	49.5	231 107	0.5	140 684	0.3	4 797 806	10.1	47 505 456	100.0
1985	16 638 709	44.6	16 374 978	43.9	261 917	0.7	113 671	0.3	3 932 423	10.5	37 321 698	100.0
1986	16 988 516	45.2	16 354 059	43.5	227 670	0.6	59 943	0.2	3 951 620	10.5	37 581 808	100.0
1987	17 387 886	43.5	18 324 137	45.8	211 044	0.5	42 945	0.1	4 002 603	10.0	39 968 615	100.0
1988	20 396 561	50.3	15 468 940	38.1	87 456	0.2	38 853	0.1	4 565 859	11.3	40 557 669	100.0
1989	21 010 319	56.7	11 448 020	30.9	168 750	0.4	31 728	0.1	4 411 553	11.9	37 070 370	100.0
1990	20 562 535	56.1	12 229 063	33.4	87 737	0.2	23 918	0.1	3 752 686	10.2	36 655 939	100.0
TOTAL	906 201 053	69.0	265 863 369	20.3	2 561 394	0.2	1 321 808	0.1	136 726 261	10.4	1 312 673 885	100.0

TOTAL TOLLS REVENUE
1959 - 1990

HISTORICAL TABLE 16M

MONTREAL-LAKE ONTARIO SECTION

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	7 331 954	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	1 728 977	9 060 931	978 909	NOT APPLICABLE	7 037	10 046 877
1960	7 114 602				1 998 181	9 112 783	990 222		6 054	10 109 059
1961	8 414 049	-	-	-	1 839 790	10 253 839	1 139 634	-	13 587	11 407 060
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	17 320	12 574 775
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	-	59 652	22 349 788
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	-	8 505	24 888 865
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	-	11 214	21 456 478
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	-	8 306	25 459 227
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	-	5 367	27 406 637
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	-	5 656	27 301 089
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	-	7 726	27 894 391
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	-	12 930	21 319 817
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	-	9 236	22 592 214
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	-	5 633	25 813 224
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	-	5 642	30 769 291
1978	12 069 904	11 371 813	52 929	182 583	5 465 001	29 142 230	4 061 063	-	7 730	33 211 023
1979	16 253 029	10 133 774	65 157	154 741	5 459 472	32 066 173	3 793 081	-	6 487	35 865 741
1980	13 219 689	10 966 582	68 963	112 825	4 125 449	28 493 508	3 896 952	-	7 875	32 398 335
1981	14 977 551	10 025 813	99 479	43 356	5 596 334	30 742 533	3 661 658	-	7 634	34 411 825
1982	11 595 158	11 637 709	140 056	61 188	6 053 279	29 487 390	3 826 592	-	18 699	33 332 681
1983	14 309 062	12 615 852	153 066	50 868	6 704 465	33 833 313	3 829 563	-	18 014	37 680 890
1984	15 517 893	12 220 374	119 889	118 834	9 806 857	37 783 847	3 793 441	-	21 612	41 598 900
1985	13 688 440	8 514 974	136 105	96 081	8 045 094	30 480 694	3 058 865	-	26 068	33 565 627
1986	14 011 885	8 503 773	118 388	50 596	8 072 769	30 757 411	3 264 590	-	32 382	34 054 383
1987	14 403 203	9 526 102	109 636	36 356	8 184 021	32 259 318	3 186 952	-	35 329	35 481 599
1988	16 808 409	8 040 430	45 106	32 417	9 342 348	34 268 710	3 055 434	-	34 848	37 358 992
1989	18 170 250	6 181 117	-	27 408	9 460 333	33 839 108	3 092 111	-	34 841	36 966 060
1990	18 553 925	6 962 498	-	21 812	8 416 175	33 954 410	2 975 847	-	39 608	36 969 865
TOTAL	477 509 932	126 700 811	1 108 774	989 065	180 727 420	787 036 002	77 061 761	-	537 853	864 635 616

VESSEL TRANSITS
1959 - 1990

HISTORICAL TABLE 17M — MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND CARGO TONNES	UPBOUND TRANSITS Loaded	UPBOUND TRANSITS Ballast	UPBOUND TRANSITS Total	DOWNBOUND CARGO TONNES	DOWNBOUND TRANSITS Loaded	DOWNBOUND TRANSITS Ballast	DOWNBOUND TRANSITS Total	TOTAL CARGO TONNES	TOTAL TRANSITS Loaded	TOTAL TRANSITS Ballast	TOTAL TRANSITS Total
1959	9 933 505	2 468	1 264	3 732	8 748 278	2 586	1 134	3 720	18 681 783	5 054	2 398	7 452
1960	7 966 552	2 097	1 348	3 445	10 458 683	2 416	1 008	3 424	18 425 235	4 513	2 356	6 869
1961	7 470 204	1 932	1 513	3 445	13 773 993	2 590	857	3 447	21 244 197	4 522	2 370	6 892
1962	9 869 712	2 042	1 128	3 170	13 348 410	2 360	821	3 181	23 218 122	4 402	1 949	6 351
1963	12 283 320	2 147	1 005	3 152	15 787 597	2 271	862	3 133	28 070 917	4 418	1 867	6 285
1964	16 806 727	2 468	915	3 383	18 853 823	2 563	833	3 396	35 660 550	5 031	1 748	6 779
1965	20 062 880	2 813	821	3 634	19 293 390	2 590	1 106	3 696	39 356 270	5 403	1 927	7 330
1966	23 381 538	2 981	685	3 666	21 296 726	2 597	1 078	3 675	44 678 264	5 578	1 763	7 341
1967	24 260 978	2 863	583	3 446	15 681 129	2 050	1 425	3 475	39 942 107	4 913	2 008	6 921
1968	27 566 575	2 898	372	3 270	15 936 424	1 917	1 389	3 306	43 502 999	4 815	1 761	6 576
1969	20 362 081	2 538	660	3 198	16 845 229	1 954	1 240	3 194	37 207 310	4 492	1 900	6 392
1970	22 897 783	2 487	635	3 122	23 523 651	2 140	1 018	3 158	46 421 434	4 627	1 653	6 280
1971	23 615 721	2 532	491	3 023	24 453 688	2 146	902	3 048	48 069 409	4 678	1 393	6 071
1972	23 119 000	2 407	570	2 977	25 557 430	2 172	813	2 985	48 676 430	4 579	1 383	5 962
1973	25 065 766	2 323	741	3 064	27 219 041	2 198	863	3 061	52 284 807	4 521	1 604	6 125
1974	20 870 412	1 697	443	2 140	19 178 567	1 525	595	2 120	40 048 979	3 222	1 038	4 260
1975	19 899 887	1 626	727	2 353	23 654 416	1 864	487	2 351	43 554 303	3 490	1 214	4 704
1976	26 143 114	1 898	528	2 426	23 205 325	1 893	540	2 433	49 348 439	3 791	1 068	4 859
1977	31 764 277	2 233	361	2 594	25 692 064	1 952	639	2 591	57 456 341	4 185	1 000	5 185
1978	24 854 039	1 769	871	2 640	32 088 641	2 231	391	2 622	56 942 680	4 000	1 262	5 262
1979	24 382 965	1 600	825	2 425	30 939 128	2 105	316	2 421	55 322 093	3 705	1 141	4 846
1980	14 925 615	937	1 545	2 482	34 528 494	2 310	166	2 476	49 454 109	3 247	1 711	4 958
1981	18 822 201	1 168	1 115	2 283	31 747 056	2 035	256	2 291	50 569 257	3 203	1 371	4 574
1982	11 149 898	717	1 430	2 147	31 665 416	1 978	178	2 156	42 815 314	2 695	1 608	4 303
1983	15 579 017	955	976	1 931	29 481 964	1 770	169	1 939	45 060 981	2 725	1 145	3 870
1984	18 636 683	1 119	759	1 878	28 868 773	1 694	187	1 881	47 505 456	2 813	946	3 759
1985	14 825 309	924	614	1 538	22 496 389	1 361	189	1 550	37 321 698	2 285	803	3 088
1986	14 646 185	971	692	1 663	22 935 623	1 404	240	1 644	37 581 808	2 375	932	3 307
1987	16 810 464	1 054	560	1 614	23 158 151	1 313	300	1 613	39 968 615	2 367	860	3 227
1988	18 654 260	1 131	445	1 576	21 903 409	1 251	315	1 566	40 557 669	2 382	760	3 142
1989	17 527 216	995	380	1 375	19 543 154	1 150	243	1 393	37 070 370	2 145	623	2 768
1990	17 647 222	999	390	1 389	19 008 717	1 105	274	1 379	36 655 939	2 104	664	2 768
TOTAL	601 801 106	58 789	25 392	84 181	710 872 779	63 491	20 834	84 325	1 312 673 885	122 280	46 226	168 506

VESSEL ANALYSIS
1959 - 1990

HISTORICAL TABLE 18M

MONTREAL-LAKE ONTARIO SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL	
	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	Percent Loaded	Tonnes/ Loaded Transit
	Tonnes	Transits			Tonnes	Transits				
	%	%	%		%	%	%		%	
1959	53.2	50.1	66.1	4 025	46.8	49.9	69.5	3 383	67.8	3 696
1960	43.2	50.2	60.9	3 799	56.8	49.8	70.6	4 329	65.7	4 083
1961	35.2	50.0	56.1	3 867	64.8	50.0	75.1	5 318	65.6	4 698
1962	42.5	49.9	64.4	4 833	57.5	50.1	74.2	5 656	69.3	5 274
1963	43.8	50.2	68.1	5 721	56.2	49.8	72.5	6 952	70.3	6 354
1964	47.1	49.9	73.0	6 810	52.9	50.1	75.5	7 356	74.2	7 088
1965	51.0	49.6	77.4	7 132	49.0	50.4	70.1	7 449	73.7	7 284
1966	52.3	49.9	81.3	7 844	47.7	50.1	70.7	8 201	76.0	8 010
1967	60.7	49.8	83.1	8 474	39.3	50.2	59.0	7 649	71.0	8 130
1968	63.4	49.7	88.6	9 512	36.6	50.3	58.0	8 313	73.2	9 035
1969	54.7	50.0	79.4	8 023	45.3	50.0	61.2	8 621	70.3	8 283
1970	49.3	49.7	79.7	9 207	50.7	50.3	67.8	10 992	73.7	10 033
1971	49.1	49.8	83.8	9 327	50.9	50.2	70.4	11 395	77.1	10 276
1972	47.5	49.9	80.9	9 605	52.5	50.1	72.8	11 767	76.8	10 630
1973	47.9	50.0	75.8	10 790	52.1	50.0	71.8	12 384	73.8	11 565
1974	52.1	50.2	79.3	12 298	47.9	49.8	71.9	12 576	75.6	12 430
1975	45.7	50.0	69.1	12 239	54.3	50.0	79.3	12 690	74.2	12 480
1976	53.0	49.9	78.2	13 774	47.0	50.1	77.8	12 258	78.0	13 017
1977	55.3	50.0	86.1	14 225	44.7	50.0	75.3	13 162	80.7	13 729
1978	43.6	50.2	67.0	14 050	56.4	49.8	85.1	14 383	76.0	14 236
1979	44.1	50.0	66.0	15 239	55.9	50.0	86.9	14 698	76.5	14 932
1980	30.2	50.1	37.8	15 929	69.8	49.9	93.3	14 947	65.5	15 231
1981	37.2	49.9	51.2	16 115	62.8	50.1	88.8	15 601	70.0	15 788
1982	26.0	49.9	33.4	15 551	74.0	50.1	91.7	16 009	62.6	15 887
1983	34.6	49.9	49.5	16 313	65.4	50.1	91.3	16 656	70.4	16 536
1984	39.2	50.0	59.6	16 655	60.8	50.0	90.1	17 042	74.8	16 888
1985	39.7	49.8	60.1	16 045	60.3	50.2	87.8	16 529	74.0	16 333
1986	39.0	50.3	58.3	15 084	61.0	49.7	85.4	16 336	71.8	15 824
1987	42.1	50.0	65.3	15 949	57.9	50.0	81.4	17 638	73.3	16 886
1988	46.0	50.2	71.8	16 494	54.0	49.8	79.9	17 509	75.8	17 027
1989	47.3	49.7	72.4	17 615	52.7	50.3	82.6	16 994	77.5	17 282
1990	48.1	50.2	71.9	17 665	51.9	49.8	80.1	17 202	76.0	17 422
TOTAL	45.8	50.0	69.8	10 237	54.2	50.0	75.3	11 196	72.6	10 735

CARGO BY TRANSIT AND VESSEL
1959 - 1990

HISTORICAL TABLE 19M

MONTREAL-LAKE ONTARIO SECTION

YEAR	TYPE OF TRANSIT						CLASS OF VESSEL				TYPE OF VESSEL					
	OVERSEAS		INLAND		COASTAL		OCEAN		LAKER		CARGO		TANKER		TUG & BARGE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	5 897 349	31.6	12 784 434	68.4	-	0.0	5 897 349	31.6	12 784 434	68.4	16 656 027	89.2	1 993 132	10.7	32 624	0.2
1960	7 205 508	39.1	11 219 728	60.9	-	0.0	7 205 508	39.1	11 219 728	60.9	15 923 216	86.4	2 435 425	13.2	66 595	0.4
1961	6 665 353	31.4	14 578 844	68.6	-	0.0	6 665 353	31.4	14 578 844	68.6	19 061 074	89.7	2 111 226	9.9	71 897	0.3
1962	8 179 202	35.2	15 038 920	64.8	-	0.0	8 179 202	35.2	15 038 920	64.8	21 301 110	91.7	1 883 774	8.1	33 238	0.1
1963	7 270 393	25.9	20 800 523	74.1	-	0.0	7 270 393	25.9	20 800 523	74.1	26 009 080	92.7	2 051 862	7.3	9 974	0.0
1964	9 396 157	26.3	26 264 393	73.7	-	0.0	9 396 157	26.3	26 264 393	73.7	33 124 065	92.9	2 515 655	7.1	20 830	0.1
1965	12 473 585	31.7	26 882 685	68.3	-	0.0	12 473 585	31.7	26 882 685	68.3	36 201 656	92.0	3 141 360	8.0	13 254	0.0
1966	13 051 335	29.2	31 626 930	70.8	-	0.0	13 051 335	29.2	31 626 930	70.8	41 559 750	93.0	3 101 186	6.9	17 329	0.0
1967	12 267 777	30.7	26 359 800	66.0	1 314 530	3.3	13 582 307	34.0	26 359 800	66.0	36 983 137	92.6	2 932 876	7.3	26 094	0.1
1968	13 831 259	31.8	28 602 810	65.7	1 068 930	2.5	14 900 189	34.3	28 602 810	65.7	40 526 651	93.2	2 953 762	6.8	22 586	0.1
1969	13 376 441	36.0	23 099 826	62.1	731 044	2.0	14 107 485	37.9	23 099 826	62.1	33 512 545	90.1	3 691 618	9.9	3 148	0.0
1970	12 985 069	28.0	32 862 719	70.8	573 646	1.2	13 558 715	29.2	32 862 719	70.8	42 296 844	91.1	4 096 929	8.8	27 661	0.1
1971	17 515 146	36.4	29 834 286	62.1	719 977	1.5	18 235 123	37.9	29 834 286	62.1	44 730 750	93.1	3 321 364	6.9	17 295	0.0
1972	18 625 069	38.3	29 397 071	60.4	654 289	1.3	19 279 358	39.6	29 397 071	60.4	44 428 475	91.3	3 816 785	7.8	431 169	0.9
1973	16 313 793	31.2	35 204 367	67.3	766 647	1.5	17 080 440	32.7	35 204 367	67.3	47 056 661	90.0	4 324 638	8.3	903 508	1.7
1974	10 679 072	26.7	28 668 970	71.6	700 937	1.8	11 380 009	28.4	28 668 970	71.6	36 185 581	90.4	3 196 497	8.0	666 901	1.7
1975	11 489 003	26.4	31 148 292	71.5	917 008	2.1	12 406 011	28.5	31 148 292	71.5	40 693 881	93.4	2 295 437	5.3	564 985	1.3
1976	13 324 917	27.0	35 225 785	71.4	797 737	1.6	14 122 654	28.6	35 225 785	71.4	46 859 785	95.0	1 742 068	3.5	746 586	1.5
1977	17 733 483	30.9	38 293 748	66.6	1 429 109	2.5	19 162 592	33.4	38 293 748	66.6	54 499 463	94.9	1 702 940	3.0	1 253 937	2.2
1978	21 152 474	37.1	33 866 108	59.5	1 924 098	3.4	23 076 572	40.5	33 866 108	59.5	53 700 654	94.3	2 488 012	4.4	754 014	1.3
1979	18 607 911	33.6	35 157 287	63.6	1 556 895	2.8	20 164 806	36.4	35 157 287	63.6	51 720 937	93.5	2 580 991	4.7	1 020 165	1.8
1980	13 681 019	27.7	34 736 797	70.2	1 036 293	2.1	14 717 312	29.8	34 736 797	70.2	46 515 056	94.1	2 426 899	4.9	512 154	1.0
1981	13 237 039	26.2	36 401 653	72.0	930 565	1.8	14 167 604	28.0	36 401 653	72.0	47 414 230	93.8	2 771 549	5.5	383 478	0.8
1982	12 826 010	30.0	29 141 734	68.1	847 570	2.0	13 673 580	31.9	29 141 734	68.1	40 423 087	94.4	2 333 854	5.5	58 373	0.1
1983	12 642 864	28.1	31 414 382	69.7	1 003 735	2.2	13 646 599	30.3	31 414 382	69.7	42 826 376	95.0	2 184 630	4.8	49 975	0.1
1984	15 040 063	31.7	31 356 816	66.0	1 108 577	2.3	16 148 640	34.0	31 356 816	66.0	45 549 288	95.9	1 895 266	4.0	60 902	0.1
1985	12 207 815	32.7	23 478 510	62.9	1 635 373	4.4	13 843 188	37.1	23 478 510	62.9	35 650 593	95.5	1 635 326	4.4	35 779	0.1
1986	13 158 964	35.0	22 854 004	60.8	1 568 840	4.2	14 727 804	39.2	22 854 004	60.8	35 553 827	94.6	1 999 046	5.3	28 935	0.1
1987	12 879 495	32.2	25 484 489	63.8	1 604 631	4.0	14 484 126	36.2	25 484 489	63.8	38 192 962	95.6	1 629 206	4.1	146 447	0.4
1988	13 352 152	32.9	25 995 478	64.1	1 210 039	3.0	14 562 191	35.9	25 995 478	64.1	38 158 987	94.1	2 312 981	5.7	85 701	0.2
1989	11 950 884	32.2	23 963 429	64.6	1 156 057	3.1	13 106 941	35.4	23 963 429	64.6	34 961 397	94.3	2 026 789	5.5	82 184	0.2
1990	9 717 126	26.5	25 361 389	69.2	1 577 424	4.3	11 294 550	30.8	25 361 389	69.2	34 247 850	93.4	2 307 002	6.3	101 087	0.3
TOTAL	408 733 727	31.1	877 106 207	66.8	26 833 951	2.0	435 567 678	33.2	877 106 207	66.8	1 222 524 995	93.1	81 900 085	6.2	8 248 805	0.6

TRAFFIC BY VESSEL LENGTH
1959 - 1990

HISTORICAL TABLE 20M

MONTREAL - LAKE ONTARIO SECTION

	TRANSITS								CARGO TONNES							
YEAR	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	Over 217m	Total	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	Over 217m	Total
1959	1 359	3 755	844	781	329	304	80	7 452	52 456	6 695 713	2 277 514	3 073 701	2 341 663	3 276 797	963 939	18 681 783
1960	1 011	3 031	999	966	557	204	101	6 869	51 211	4 760 705	2 584 835	3 833 378	3 622 905	2 224 088	1 348 114	18 425 236
1961	769	2 624	1 186	1 289	575	274	175	6 892	39 963	4 165 137	3 067 828	4 830 236	3 448 580	3 020 731	2 671 722	21 244 197
1962	580	1 975	1 222	1 378	626	320	250	6 351	26 858	3 263 613	3 198 623	5 462 054	3 959 808	3 531 101	3 776 065	23 218 122
1963	616	1 568	1 173	1 375	679	487	387	6 285	36 044	2 647 216	3 028 316	5 290 972	4 294 049	6 236 943	6 537 376	28 070 916
1964	582	1 418	1 237	1 571	909	632	430	6 779	41 071	2 313 185	3 108 606	6 191 661	6 384 462	8 404 960	9 216 605	35 660 550
1965	816	1 317	1 418	1 577	1 099	570	533	7 330	45 379	2 190 754	3 625 711	6 744 073	8 599 954	7 797 486	10 352 913	39 356 270
1966	556	1 170	1 439	1 537	1 223	750	666	7 341	49 328	2 028 321	3 438 663	6 527 474	9 975 379	9 509 933	13 149 167	44 678 265
1967	718	899	1 395	1 311	1 094	769	735	6 921	76 051	1 568 338	3 359 026	5 101 351	8 283 246	8 581 821	12 972 274	39 942 107
1968	623	879	1 112	1 181	1 115	758	908	6 576	71 980	1 477 193	2 959 323	4 957 350	9 468 067	9 028 674	15 540 412	43 502 999
1969	795	909	1 192	1 234	1 048	459	755	6 392	48 912	1 439 120	3 062 048	4 624 140	8 598 574	5 810 005	13 624 512	37 207 311
1970	640	828	1 168	1 135	1 086	532	891	6 280	29 268	1 521 615	3 264 355	4 699 825	9 569 901	7 569 614	19 766 856	46 421 434
1971	318	661	1 132	1 190	1 299	614	857	6 071	37 537	1 041 829	3 057 027	5 555 321	11 555 626	8 352 245	18 469 824	48 069 409
1972	307	685	957	1 153	1 421	655	784	5 962	39 602	1 102 659	2 744 047	5 480 002	12 734 265	9 099 920	17 475 934	48 676 429
1973	364	707	1 050	1 013	1 310	820	861	6 125	21 643	1 154 509	3 364 802	5 320 783	11 442 303	11 159 949	19 820 818	52 284 807
1974	301	358	692	582	923	676	728	4 260	33 343	472 816	2 203 524	2 885 807	8 274 346	9 758 175	16 420 968	40 048 979
1975	304	232	683	796	1 022	807	860	4 704	41 185	284 220	1 972 575	3 384 138	8 659 564	10 864 468	18 348 153	43 554 303
1976	269	158	617	777	1 054	944	1 040	4 859	15 732	156 080	1 874 200	3 345 104	10 061 819	12 999 099	20 896 405	49 348 439
1977	270	212	634	800	1 400	878	991	5 185	13 866	287 989	2 168 300	3 983 524	16 472 445	13 766 149	20 764 067	57 456 340
1978	172	127	650	877	1 641	807	988	5 262	5 646	150 835	2 321 528	4 952 838	17 069 099	11 511 697	20 931 037	56 942 680
1979	170	139	467	901	1 447	735	987	4 846	4 108	210 471	1 598 802	5 276 042	15 085 964	11 003 876	22 142 830	55 322 093
1980	166	144	476	826	1 429	748	1 169	4 958	2 820	235 942	1 606 834	4 298 239	11 165 857	8 670 498	23 473 919	49 454 109
1981	184	110	478	644	1 169	741	1 248	4 574	2 354	184 723	1 585 425	3 764 266	10 389 927	9 518 149	25 124 413	50 569 257
1982	195	54	402	693	1 078	592	1 289	4 303	8 497	71 784	1 231 021	3 486 034	8 623 300	7 016 867	22 377 811	42 815 314
1983	165	53	371	535	904	471	1 371	3 870	4 676	66 101	1 369 789	2 978 461	8 060 593	5 889 031	26 692 330	45 060 981
1984	171	50	343	517	851	360	1 467	3 759	5 455	68 751	1 309 258	3 074 093	9 209 734	4 962 787	28 875 378	47 505 456
1985	195	49	314	429	657	303	1 141	3 088	3 289	41 646	1 313 158	2 279 661	7 277 954	3 554 743	22 851 247	37 321 698
1986	250	53	264	526	726	335	1 153	3 307	2 189	42 065	1 034 027	2 731 919	7 820 257	3 833 099	22 118 252	37 581 808
1987	276	102	262	398	617	321	1 251	3 227	7 010	141 707	1 082 612	2 243 223	7 404 683	4 039 151	25 050 229	39 968 615
1988	269	72	272	451	585	298	1 195	3 142	8 280	107 758	1 136 772	2 480 048	6 915 207	4 185 403	25 724 201	40 557 669
1989	235	48	204	388	554	269	1 070	2 768	6 908	82 416	859 465	2 275 227	6 245 953	3 865 872	23 734 529	37 070 370
1990	292	56	205	447	398	232	1 138	2 768	16 262	96 118	835 197	2 475 005	4 714 002	3 403 777	25 115 578	36 655 939
TOTAL	13 938	24 443	24 858	29 278	30 825	17 665	27 499	168 506	848 923	40 071 329	71 643 211	133 605 950	277 729 486	232 447 108	556 327 878	1 312 673 885

COMMODITY GROUPS
1959 - 1990

HISTORICAL TABLE 21M

MONTREAL - LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	6 830 789	36.6	178 899	1.0	7 409 667	39.7	275 569	1.5	3 526 506	18.9	460 353	2.5	18 681 783	100.0
1960	7 457 469	40.5	203 898	1.1	5 875 359	31.9	257 990	1.4	4 127 165	22.4	503 355	2.7	18 425 236	100.0
1961	9 683 584	45.6	251 453	1.2	5 524 657	26.0	187 193	0.9	5 038 380	23.7	558 930	2.6	21 244 197	100.0
1962	10 281 833	44.3	278 837	1.2	7 429 858	32.0	228 968	1.0	4 434 191	19.1	564 435	2.4	23 218 122	100.0
1963	12 531 837	44.6	367 316	1.3	9 351 041	33.3	281 888	1.0	5 036 141	17.9	502 693	1.8	28 070 916	100.0
1964	15 368 230	43.1	489 837	1.4	12 857 268	36.1	305 268	0.9	6 072 986	17.0	566 961	1.6	35 660 550	100.0
1965	15 997 319	40.6	385 678	1.0	13 850 576	35.2	268 267	0.7	8 290 421	21.1	564 009	1.4	39 356 270	100.0
1966	18 144 613	40.6	352 685	0.8	16 691 053	37.4	359 441	0.8	8 603 537	19.3	526 936	1.2	44 678 265	100.0
1967	12 419 089	31.1	363 900	0.9	17 505 477	43.8	356 107	0.9	8 970 941	22.5	326 593	0.8	39 942 107	100.0
1968	12 279 678	28.2	330 234	0.8	19 150 316	44.0	383 129	0.9	10 902 319	25.1	457 323	1.1	43 502 999	100.0
1969	11 400 922	30.6	315 558	0.8	13 016 108	35.0	322 364	0.9	11 734 073	31.5	418 286	1.1	37 207 311	100.0
1970	17 961 480	38.7	333 023	0.7	15 955 716	34.4	255 851	0.6	11 535 241	24.8	380 123	0.8	46 421 434	100.0
1971	20 495 174	42.6	388 634	0.8	14 649 825	30.5	333 195	0.7	11 835 217	24.6	367 364	0.8	48 069 409	100.0
1972	21 390 755	43.9	302 643	0.6	13 965 088	28.7	281 676	0.6	12 559 825	25.8	176 442	0.4	48 676 429	100.0
1973	22 072 903	42.2	260 861	0.5	17 850 383	34.1	169 713	0.3	11 859 342	22.7	71 605	0.1	52 284 807	100.0
1974	14 672 142	36.6	230 774	0.6	17 327 687	43.3	93 671	0.2	7 699 376	19.2	25 329	0.1	40 048 979	100.0
1975	19 440 779	44.6	140 009	0.3	16 530 527	38.0	109 771	0.3	7 308 691	16.8	24 526	0.1	43 554 303	100.0
1976	18 755 125	38.0	240 764	0.5	22 504 977	45.6	75 029	0.2	7 733 394	15.7	39 150	0.1	49 348 439	100.0
1977	21 815 530	38.0	228 391	0.4	25 033 807	43.6	99 071	0.2	10 246 887	17.8	32 654	0.1	57 456 340	100.0
1978	27 885 242	49.0	182 675	0.3	19 084 040	33.5	118 074	0.2	9 631 369	16.9	41 280	0.1	56 942 680	100.0
1979	24 919 208	45.0	156 980	0.3	20 404 400	36.9	82 178	0.1	9 736 697	17.6	22 630	0.0	55 322 093	100.0
1980	26 920 476	54.4	182 346	0.4	14 891 195	30.1	56 087	0.1	7 386 038	14.9	17 967	0.0	49 454 109	100.0
1981	24 673 525	48.8	185 196	0.4	17 857 148	35.3	44 299	0.1	7 801 251	15.4	7 838	0.0	50 569 257	100.0
1982	24 515 880	57.3	134 682	0.3	10 762 770	25.1	24 026	0.1	7 377 956	17.2	-	0.0	42 815 314	100.0
1983	24 449 080	54.3	95 902	0.2	13 081 176	29.0	24 164	0.1	7 410 659	16.4	-	0.0	45 060 981	100.0
1984	23 649 862	49.8	85 109	0.2	14 802 071	31.2	70 517	0.1	8 897 897	18.7	-	0.0	47 505 456	100.0
1985	16 486 803	44.2	90 157	0.2	12 491 239	33.5	33 555	0.1	8 219 944	22.0	-	0.0	37 321 698	100.0
1986	16 490 065	43.9	67 872	0.2	12 253 937	32.6	7 375	0.0	8 762 559	23.3	-	0.0	37 581 808	100.0
1987	18 454 108	46.2	54 982	0.1	13 219 140	33.1	10 987	0.0	8 229 398	20.6	-	0.0	39 968 615	100.0
1988	15 545 348	38.3	73 483	0.2	16 220 120	40.0	30 228	0.1	8 688 490	21.4	-	0.0	40 557 669	100.0
1989	11 669 000	31.5	71 394	0.2	16 774 670	45.3	47 967	0.1	8 507 339	22.9	-	0.0	37 070 370	100.0
1990	12 387 373	33.8	45 992	0.1	16 543 066	45.1	64 676	0.2	7 614 832	20.8	-	0.0	36 655 939	100.0
TOTAL	557 045 221	42.4	7 070 164	0.5	470 864 362	35.9	5 258 294	0.4	265 779 062	20.2	6 656 782	0.5	1 312 673 885	100.0

SELECTED U.S. GRAINS
1959 - 1990

HISTORICAL TABLE 22M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	444 329	2.4	799 945	4.3	22 558	0.1	403 569	2.2	533 572	2.9	143 386	0.8	162 137	0.9	-	0.0	2 509 496	13.4
1960	631 892	3.4	952 811	5.2	77 113	0.4	290 575	1.6	517 372	2.8	441 119	2.4	80 547	0.4	-	0.0	2 991 429	16.2
1961	1 163 344	5.5	1 421 950	6.7	54 249	0.3	76 976	0.4	256 290	1.2	400 369	1.9	72 363	0.3	-	0.0	3 445 541	16.2
1962	817 875	3.5	1 944 008	8.4	244 657	1.1	389 572	1.7	647 457	2.8	632 720	2.7	98 370	0.4	-	0.0	4 774 659	20.6
1963	1 249 345	4.5	2 392 559	8.5	211 086	0.8	86 811	0.3	532 377	1.9	574 083	2.0	85 171	0.3	-	0.0	5 131 432	18.3
1964	809 221	2.3	2 905 038	8.1	71 024	0.2	54 866	0.2	687 665	1.9	868 192	2.4	144 532	0.4	-	0.0	5 540 538	15.5
1965	1 109 330	2.8	3 294 033	8.4	34 533	0.1	314 753	0.8	657 395	1.7	1 136 160	2.9	73 143	0.2	-	0.0	6 619 347	16.8
1966	1 520 708	3.4	3 039 049	6.8	93 405	0.2	369 598	0.8	515 254	1.2	1 045 231	2.3	143 134	0.3	-	0.0	6 726 379	15.1
1967	1 119 773	2.8	1 881 877	4.7	45 839	0.1	100 435	0.3	317 575	0.8	759 552	1.9	146 391	0.4	-	0.0	4 371 442	10.9
1968	1 533 785	3.5	2 868 570	6.6	39 251	0.1	37 112	0.1	122 847	0.3	1 127 774	2.6	199 074	0.5	-	0.0	5 928 413	13.6
1969	1 229 554	3.3	3 075 734	8.3	24 275	0.1	2 185	0.0	69 880	0.2	1 378 579	3.7	181 402	0.5	-	0.0	5 961 609	16.0
1970	1 535 257	3.3	2 575 550	5.5	864	0.0	203 140	0.4	999 305	2.2	2 205 342	4.8	58 710	0.1	-	0.0	7 578 168	16.3
1971	1 427 649	3.0	3 012 593	6.3	124 290	0.3	36 782	0.1	421 332	0.9	2 594 839	5.4	26 088	0.1	-	0.0	7 643 573	15.9
1972	2 182 496	4.5	3 271 754	6.7	3 907	0.0	93 396	0.2	854 825	1.8	1 427 652	2.9	259 647	0.5	-	0.0	8 093 677	16.6
1973	3 487 434	6.7	3 544 948	6.8	586 196	1.1	629 029	1.2	1 162 678	2.2	1 471 727	2.8	5 498	0.0	-	0.0	10 887 510	20.8
1974	1 622 560	4.1	2 503 352	6.3	210 099	0.5	309 893	0.8	323 909	0.8	911 774	2.3	100	0.0	-	0.0	5 881 687	14.7
1975	3 576 444	8.2	2 707 189	6.2	3 627	0.0	131 648	0.3	158 327	0.4	1 156 977	2.7	16 803	0.0	-	0.0	7 751 015	17.8
1976	1 588 121	3.2	3 808 618	7.7	3 289	0.0	126 465	0.3	610 958	1.2	1 082 785	2.2	5 742	0.0	-	0.0	7 225 978	14.6
1977	2 938 824	5.1	3 479 895	6.1	-	0.0	125 110	0.2	920 852	1.6	1 349 160	2.3	25 456	0.0	-	0.0	8 839 297	15.4
1978	5 531 295	9.7	5 826 521	10.2	-	0.0	126 331	0.2	270 413	0.5	2 152 349	3.8	11 965	0.0	-	0.0	13 918 874	24.4
1979	4 061 266	7.3	6 869 035	12.4	60 066	0.1	3 698	0.0	288 469	0.5	1 430 693	2.6	-	0.0	-	0.0	12 713 227	23.0
1980	3 556 167	7.2	5 444 933	11.0	137 520	0.3	36 590	0.1	680 577	1.4	1 240 782	2.5	2 215	0.0	1 205 564	2.4	12 304 348	24.9
1981	3 480 645	6.9	3 656 771	7.2	47 253	0.1	27 711	0.1	837 264	1.7	1 533 435	3.0	13 227	0.0	1 301 072	2.6	10 897 378	21.5
1982	2 856 250	6.7	2 939 988	6.9	9 670	0.0	7 057	0.0	354 808	0.8	982 526	2.3	14 291	0.0	1 140 147	2.7	8 304 737	19.4
1983	2 824 695	6.3	2 083 258	4.6	23 370	0.1	950	0.0	831 164	1.8	270 977	0.6	1 025	0.0	643 709	1.4	6 679 148	14.8
1984	3 124 417	6.6	2 257 653	4.8	8 401	0.0	3 052	0.0	608 831	1.3	826 106	1.7	5 180	0.0	755 960	1.6	7 589 600	16.0
1985	1 958 906	5.2	1 938 864	5.2	-	0.0	-	0.0	132 080	0.4	660 270	1.8	-	0.0	378 552	1.0	5 068 672	13.6
1986	2 324 945	6.2	692 382	1.8	5 500	0.0	-	0.0	332 051	0.9	1 041 258	2.8	31 504	0.1	193 957	0.5	4 621 597	12.3
1987	1 703 876	4.3	1 718 123	4.3	5 207	0.0	14 251	0.0	464 631	1.2	1 018 785	2.5	-	0.0	131 637	0.3	5 056 510	12.7
1988	2 046 771	5.0	2 022 111	5.0	10 410	0.0	-	0.0	599 748	1.5	597 140	1.5	-	0.0	14 106	0.0	5 290 286	13.0
1989	2 203 974	5.9	1 959 943	5.3	7 704	0.0	-	0.0	939 432	2.5	625 055	1.7	-	0.0	-	0.0	5 736 108	15.5
1990	1 871 197	5.1	1 018 239	2.8	-	0.0	-	0.0	846 871	2.3	234 925	0.6	-	0.0	-	0.0	3 971 232	10.8
TOTAL	67 532 345	5.1	87 907 294	7.0	2 165 363	0.2	4 001 555	0.3	17 496 209	1.3	33 321 722	2.5	1 863 715	0.1	5 764 704	0.4	220 052 907	16.8

SELECTED CANADIAN GRAINS

1959 - 1990

HISTORICAL TABLE 23M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	2 706 061	14.5	61 387	0.3	2 231	0.0	260 258	1.4	504 670	2.7	55 682	0.3	143 479	0.8	-	0.0	3 733 768	20.0
1960	2 864 328	15.5	46 774	0.3	7 605	0.0	161 616	0.9	550 885	3.0	73 213	0.4	202 972	1.1	-	0.0	3 907 393	21.2
1961	4 752 469	22.4	30 988	0.1	81 035	0.4	169 168	0.8	372 142	1.8	85 109	0.4	175 164	0.8	-	0.0	5 666 075	26.7
1962	3 630 764	15.6	40 343	0.2	116 097	0.5	232 304	1.0	349 992	1.5	62 526	0.3	191 384	0.8	-	0.0	4 623 710	19.9
1963	5 357 965	19.1	13 151	0.0	73 037	0.3	393 503	1.4	475 961	1.7	30 580	0.1	175 767	0.6	-	0.0	6 519 964	23.2
1964	7 527 695	21.1	12 662	0.0	68 230	0.2	295 867	0.8	417 937	1.2	28 605	0.1	223 083	0.6	-	0.0	8 574 079	24.0
1965	6 734 939	17.1	30 676	0.1	38 798	0.1	459 945	1.2	542 217	1.4	82 192	0.2	248 982	0.6	-	0.0	8 137 749	20.7
1966	8 631 879	19.3	34 921	0.1	113 629	0.3	299 747	0.7	633 794	1.4	70 528	0.2	317 839	0.7	-	0.0	10 102 337	22.6
1967	5 071 203	12.7	-	0.0	79 766	0.2	286 817	0.7	949 307	2.4	57 843	0.1	217 763	0.5	-	0.0	6 662 699	16.7
1968	4 427 054	10.2	8 809	0.0	52 569	0.1	196 329	0.5	418 365	1.0	66 625	0.2	114 196	0.3	-	0.0	5 283 947	12.1
1969	3 212 180	8.6	25 736	0.1	39 852	0.1	191 709	0.5	633 278	1.7	106 483	0.3	195 762	0.5	-	0.0	4 405 000	11.8
1970	5 886 419	12.7	40 463	0.1	47 040	0.1	293 471	0.6	2 611 839	5.6	47 445	0.1	275 483	0.6	-	0.0	9 202 160	19.8
1971	7 110 082	14.8	58 866	0.1	107 907	0.2	287 888	0.6	3 016 482	6.3	40 881	0.1	392 759	0.8	-	0.0	11 011 365	22.9
1972	7 507 597	15.4	32 778	0.1	93 112	0.2	260 542	0.5	3 172 149	6.5	37 096	0.1	312 577	0.6	-	0.0	11 415 851	23.5
1973	6 870 074	13.1	13 748	0.0	68 194	0.1	172 857	0.3	2 045 250	3.9	30 858	0.1	263 192	0.5	-	0.0	9 464 173	18.1
1974	6 181 090	15.4	71 726	0.2	78 830	0.2	85 014	0.2	1 178 540	2.9	6 821	0.0	189 306	0.5	-	0.0	7 791 327	19.5
1975	7 685 785	17.6	200 779	0.5	216 898	0.5	295 394	0.7	2 073 546	4.8	420	0.0	102 281	0.2	-	0.0	10 575 103	24.3
1976	6 928 464	14.0	294 477	0.6	121 036	0.2	497 836	1.0	2 347 252	4.8	16 084	0.0	109 833	0.2	-	0.0	10 314 982	20.9
1977	8 549 267	14.9	360 999	0.6	70 291	0.1	402 701	0.7	1 936 346	3.4	29 379	0.1	198 844	0.3	-	0.0	11 547 827	20.1
1978	8 519 386	15.0	627 718	1.1	82 298	0.1	144 629	0.3	2 262 597	4.0	49 374	0.1	232 556	0.4	-	0.0	11 918 558	20.9
1979	5 953 921	10.8	218 998	0.4	140 335	0.3	139 070	0.3	2 910 471	5.3	25 379	0.0	319 686	0.6	-	0.0	9 707 860	17.5
1980	10 187 369	20.6	1 073 549	2.2	363 647	0.7	264 121	0.5	1 394 588	2.8	54 259	0.1	250 637	0.5	79 005	0.2	13 667 175	27.6
1981	8 441 450	16.7	1 418 355	2.8	350 664	0.7	130 855	0.3	2 111 926	4.2	8 613	0.0	266 766	0.5	58 022	0.1	12 786 651	25.3
1982	11 024 842	25.7	812 687	1.9	259 610	0.6	142 992	0.3	2 849 224	6.7	65 253	0.2	249 093	0.6	2 531	0.0	15 406 232	36.0
1983	12 784 633	28.4	684 709	1.5	109 287	0.2	77 410	0.2	2 875 079	6.4	29 813	0.1	359 750	0.8	-	0.0	16 920 681	37.6
1984	12 813 292	27.0	516 774	1.1	7 257	0.0	55 578	0.1	1 788 891	3.8	72 408	0.1	227 519	0.5	7 056	0.0	15 488 775	32.6
1985	9 543 110	25.6	570 008	1.5	4 350	0.0	31 793	0.1	554 518	1.5	76 320	0.2	339 500	0.9	-	0.0	11 119 599	29.8
1986	8 845 790	23.5	358 788	1.0	32 164	0.1	68 198	0.2	1 579 297	4.2	148 087	0.4	370 568	1.0	-	0.0	11 402 892	30.3
1987	10 855 319	27.2	398 976	1.0	28 893	0.1	93 000	0.2	957 375	2.4	85 602	0.2	374 843	0.9	-	0.0	12 794 008	32.0
1988	8 531 550	21.0	210 549	0.5	5 900	0.0	32 221	0.1	515 792	1.3	118 464	0.3	258 288	0.6	-	0.0	9 672 764	23.8
1989	4 836 888	13.0	89 983	0.2	17 679	0.0	18 525	0.0	290 205	0.8	51 343	0.1	236 815	0.6	-	0.0	5 541 438	14.9
1990	7 405 022	20.2	187 804	0.5	5 690	0.0	5 623	0.0	278 472	0.8	37 939	0.1	165 696	0.5	-	0.0	8 086 246	22.1
TOTAL	231 377 887	17.6	8 548 481	0.7	2 883 931	0.2	6 446 981	0.5	44 598 387	3.4	1 751 224	0.1	7 702 383	0.6	146 614	0.0	303 455 888	23.1

SELECTED MINING COMMODITIES
1959 - 1990

HISTORICAL TABLE 24M

MONTREAL-LAKE ONTARIO SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	1 070 971	5.7	23 620	0.1	5 620 221	30.1	43 510	0.2	1 027	0.0	10 632	0.1	94 393	0.5	81 687	0.4	463 605	2.5
1960	925 752	5.0	82 254	0.4	3 914 894	21.2	55 432	0.3	3 662	0.0	16 934	0.1	110 961	0.6	65 992	0.4	699 477	3.8
1961	1 048 277	4.9	153 063	0.7	3 644 391	17.2	75 900	0.4	1 911	0.0	10 375	0.0	126 196	0.6	82 215	0.4	382 329	1.8
1962	1 075 566	4.6	192 371	0.8	5 456 524	23.5	84 567	0.4	523	0.0	10 232	0.0	166 030	0.7	59 426	0.3	384 619	1.7
1963	883 071	3.1	206 730	0.7	7 401 968	26.4	116 735	0.4	-	0.0	3 476	0.0	195 105	0.7	67 572	0.2	476 385	1.7
1964	727 434	2.0	214 293	0.6	11 029 051	30.9	119 904	0.3	-	0.0	7 647	0.0	219 304	0.6	71 028	0.2	468 610	1.3
1965	946 228	2.4	166 958	0.4	11 588 329	29.4	167 500	0.4	11 846	0.0	3 492	0.0	320 126	0.8	-	0.0	646 097	1.6
1966	1 111 618	2.5	199 553	0.4	14 067 088	31.5	136 958	0.3	2 946	0.0	14 687	0.0	398 095	0.9	45	0.0	760 062	1.7
1967	1 030 029	2.6	215 092	0.5	14 879 992	37.3	166 914	0.4	-	0.0	17 604	0.0	441 992	1.1	21 882	0.1	731 972	1.8
1968	1 089 476	2.5	248 538	0.6	16 268 430	37.4	213 979	0.5	-	0.0	36 878	0.1	523 097	1.2	-	0.0	769 918	1.8
1969	587 671	1.6	325 264	0.9	10 568 053	28.4	215 517	0.6	12 558	0.0	24 655	0.1	351 215	0.9	-	0.0	931 176	2.5
1970	288 268	0.6	458 852	1.0	13 715 305	29.5	261 194	0.6	47	0.0	6 938	0.0	420 859	0.9	-	0.0	804 252	1.7
1971	299 510	0.6	473 499	1.0	12 181 176	25.3	272 835	0.6	16 193	0.0	25 017	0.1	462 775	1.0	-	0.0	918 820	1.9
1972	244 181	0.5	539 852	1.1	11 370 116	23.4	133 400	0.3	69	0.0	9 766	0.0	806 409	1.7	-	0.0	861 295	1.8
1973	251 895	0.5	739 416	1.4	14 235 151	27.2	175 136	0.3	-	0.0	27 899	0.1	819 829	1.6	-	0.0	1 601 056	3.1
1974	175 192	0.4	1 190 536	3.0	12 964 996	32.4	247 616	0.6	390	0.0	45 729	0.1	811 864	2.0	76 722	0.2	1 814 642	4.5
1975	398 575	0.9	832 835	1.9	13 159 321	30.2	157 803	0.4	12 689	0.0	70 047	0.2	779 557	1.8	31 576	0.1	1 088 123	2.5
1976	346 001	0.7	1 620 382	3.3	18 629 321	37.8	234 602	0.5	27 779	0.1	54 954	0.1	752 355	1.5	43 742	0.1	795 841	1.6
1977	215 969	0.4	2 026 004	3.5	20 205 283	35.2	313 204	0.5	28 839	0.1	98 396	0.2	783 679	1.4	14 309	0.0	1 348 125	2.3
1978	940 399	1.7	2 486 639	4.4	13 542 178	23.8	172 998	0.3	15 167	0.0	107 512	0.2	746 982	1.3	7 214	0.0	1 064 951	1.9
1979	501 910	0.9	2 318 491	4.2	14 817 154	26.8	261 667	0.5	30 694	0.1	373 875	0.7	833 813	1.5	152 891	0.3	1 113 905	2.0
1980	225 660	0.5	1 401 282	2.8	11 005 222	22.3	276 158	0.6	37 479	0.1	180 462	0.4	782 430	1.6	157 181	0.3	825 321	1.7
1981	1 674 618	3.3	853 180	1.7	12 926 853	25.6	198 725	0.4	40 401	0.1	25 528	0.1	1 134 948	2.2	28 236	0.1	974 659	1.9
1982	1 153 657	2.7	680 806	1.6	7 430 414	17.4	142 492	0.3	36	0.0	36 228	0.1	714 901	1.7	3 013	0.0	601 223	1.4
1983	350 171	0.8	638 042	1.4	10 280 210	22.8	76 849	0.2	7 975	0.0	47 754	0.1	878 535	1.9	-	0.0	801 641	1.8
1984	452 898	1.0	793 112	1.7	11 421 521	24.0	157 206	0.3	6 992	0.0	117 233	0.2	818 931	1.7	-	0.0	1 034 178	2.2
1985	607 108	1.6	802 266	2.1	8 679 210	23.3	162 410	0.4	1	0.0	258 745	0.7	657 494	1.8	-	0.0	1 324 005	3.5
1986	609 619	1.6	867 412	2.3	8 026 080	21.4	161 366	0.4	16 009	0.0	272 148	0.7	874 520	2.3	-	0.0	1 426 783	3.8
1987	233 756	0.6	654 432	1.7	9 557 376	23.9	164 766	0.4	-	0.0	231 658	0.6	928 559	2.3	-	0.0	1 448 593	3.6
1988	712 945	1.8	1 466 718	3.6	10 810 682	26.7	240 823	0.6	-	0.0	432 411	1.1	1 027 602	2.5	-	0.0	1 528 939	3.8
1989	776 999	2.1	1 272 068	3.4	11 185 264	30.2	215 214	0.6	-	0.0	448 647	1.2	1 377 273	3.7	-	0.0	1 499 205	4.0
1990	489 355	1.3	946 154	2.6	11 527 835	31.4	229 581	0.6	-	0.0	715 617	2.0	1 183 829	3.2	-	0.0	1 450 695	4.0
TOTAL	21 444 779	1.6	25 089 714	1.9	362 109 609	27.6	5 652 961	0.4	275 233	0.0	3 743 176	0.3	20 543 658	1.6	964 731	0.1	31 040 502	2.4

SELECTED PROCESSED COMMODITIES
1959 - 1990

HISTORICAL TABLE 25M

MONTREAL-LAKE ONTARIO SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	37 064	0.2	1 030 688	5.5	65 571	0.4	15 205	0.1	92 332	0.5	417 417	2.2	15 439	0.1	61 096	0.3	1 791 693	9.6
1960	33 697	0.2	1 068 389	5.8	62 623	0.3	14 214	0.1	40 685	0.2	738 355	4.0	16 299	0.1	510 981	2.8	1 641 920	8.9
1961	80 116	0.4	1 001 216	4.7	66 773	0.3	6 823	0.0	220 464	1.0	531 991	2.5	5 677	0.0	1 209 928	5.7	1 915 392	9.0
1962	63 915	0.3	1 124 869	4.8	91 185	0.4	19 381	0.1	144 569	0.6	756 994	3.3	6 115	0.0	217 817	0.9	2 009 344	8.7
1963	31 013	0.1	1 165 184	4.2	122 934	0.4	21 326	0.1	121 021	0.4	874 295	3.1	3 127	0.0	295 165	1.1	2 402 074	8.6
1964	105 520	0.3	1 367 898	3.8	183 063	0.5	43 224	0.1	234 233	0.7	1 233 107	3.5	16 023	0.0	405 464	1.1	2 484 454	7.0
1965	154 783	0.4	1 721 316	4.4	165 569	0.4	17 778	0.0	291 701	0.7	2 995 840	7.6	9 579	0.0	87 825	0.2	2 846 032	7.2
1966	162 804	0.4	1 891 905	4.2	233 549	0.5	35 817	0.1	323 553	0.7	2 781 194	6.2	20 538	0.0	145 046	0.3	3 009 131	6.7
1967	320 980	0.8	1 901 558	4.8	286 066	0.7	21 783	0.1	226 867	0.6	3 179 539	8.0	797	0.0	406 824	1.0	2 626 527	6.6
1968	331 870	0.8	1 932 069	4.4	217 259	0.5	13 043	0.0	235 248	0.5	4 977 778	11.4	46 730	0.1	395 848	0.9	2 752 475	6.3
1969	499 812	1.3	2 396 263	6.4	299 866	0.8	45 813	0.1	225 831	0.6	4 068 588	10.9	7 211	0.0	1 228 198	3.3	2 962 490	8.0
1970	520 833	1.1	2 919 702	6.3	262 467	0.6	51 498	0.1	280 685	0.6	4 031 795	8.7	35 710	0.1	894 943	1.9	2 537 609	5.5
1971	215 494	0.4	2 299 114	4.8	371 244	0.8	77 704	0.2	115 250	0.2	5 636 261	11.7	35 559	0.1	237 743	0.5	2 846 851	5.9
1972	308 382	0.6	2 929 356	6.0	382 252	0.8	99 911	0.2	165 028	0.3	5 210 502	10.7	15 862	0.0	378 967	0.8	3 069 564	6.3
1973	212 833	0.4	3 432 738	6.6	363 109	0.7	93 199	0.2	137 550	0.3	3 958 329	7.6	48 758	0.1	848 288	1.6	2 764 538	5.3
1974	114 182	0.3	1 813 742	4.5	287 296	0.7	65 892	0.2	122 672	0.3	3 270 724	8.2	32 911	0.1	124 057	0.3	1 867 901	4.7
1975	202 224	0.5	1 770 019	4.1	283 034	0.6	76 426	0.2	123 640	0.3	2 236 289	5.1	13 951	0.0	599 270	1.4	2 003 837	4.6
1976	175 848	0.4	1 360 776	2.8	361 359	0.7	34 200	0.1	124 920	0.3	3 026 246	6.1	36	0.0	429 760	0.9	2 220 249	4.5
1977	52 772	0.1	2 015 026	3.5	471 762	0.8	52 544	0.1	160 155	0.3	4 972 898	8.7	3 051	0.0	348 673	0.6	2 170 005	3.8
1978	108 984	0.2	1 887 976	3.3	573 432	1.0	177 670	0.3	242 424	0.4	3 588 819	6.3	23 008	0.0	639 829	1.1	2 389 227	4.2
1979	188 808	0.3	2 326 932	4.2	594 291	1.1	167 632	0.3	132 610	0.2	3 107 744	5.6	22 947	0.0	577 828	1.0	2 617 905	4.7
1980	223 186	0.5	1 563 431	3.2	552 747	1.1	201 246	0.4	202 783	0.4	2 084 713	4.2	93	0.0	760 238	1.5	1 797 601	3.6
1981	123 843	0.2	1 838 507	3.6	610 999	1.2	174 412	0.3	202 552	0.4	2 905 186	5.7	2 769	0.0	87 363	0.2	1 855 620	3.7
1982	158 771	0.4	1 002 035	2.3	722 466	1.7	161 978	0.4	152 712	0.4	2 790 012	6.5	3 449	0.0	457 226	1.1	1 929 307	4.5
1983	249 993	0.6	936 121	2.1	634 880	1.4	213 622	0.5	161 017	0.4	2 896 137	6.4	2 522	0.0	390 006	0.9	1 926 361	4.3
1984	237 388	0.5	745 378	1.6	748 700	1.6	99 951	0.2	243 817	0.5	4 453 231	9.4	10	0.0	303 619	0.6	2 065 803	4.3
1985	111 419	0.3	558 770	1.5	751 092	2.0	126 246	0.3	103 610	0.3	3 603 221	9.7	175 111	0.5	635 622	1.7	2 154 853	5.8
1986	206 107	0.5	641 156	1.7	869 268	2.3	171 615	0.5	96 925	0.3	3 548 802	9.4	152 616	0.4	740 276	2.0	2 335 794	6.2
1987	167 472	0.4	481 049	1.2	812 778	2.0	135 308	0.3	124 355	0.3	3 614 403	9.0	242 758	0.6	344 352	0.9	2 306 923	5.8
1988	248 120	0.6	879 438	2.2	1 036 759	2.6	125 032	0.3	93 248	0.2	4 316 733	10.6	32 101	0.1	369 397	0.9	1 587 662	3.9
1989	485 319	1.3	569 627	1.5	819 447	2.2	86 287	0.2	70 938	0.2	4 186 116	11.3	27 463	0.1	320 630	0.9	1 941 512	5.2
1990	481 265	1.3	890 612	2.4	817 062	2.2	105 284	0.3	67 942	0.2	3 607 475	9.8	28 431	0.1	233 668	0.6	1 383 093	3.8
TOTAL	6 614 817	0.5	49 462 860	3.8	14 120 902	1.1	2 752 064	0.2	5 281 337	0.4	99 600 734	7.6	1 046 651	0.1	14 685 947	1.1	72 213 747	5.5

CARGO TONNES BY ORIGIN - DESTINATION
1959 - 1990

HISTORICAL TABLE 26M

MONTREAL - LAKE ONTARIO SECTION

FROM:	UPBOUND						DOWNBOUND						TOTAL
	CANADA		U.S.A.		OVERSEAS		CANADA			U.S.A.			
TO:	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Overseas	Canada	U.S.A.	Overseas	
1959	2 872 585	5 257 355	53 901	17 795	769 493	962 375	3 811 384	8 551	760 025	1 600 738	22 326	2 545 255	18 681 783
1960	1 890 965	4 145 845	44 431	2 010	1 065 103	818 198	3 991 026	6 056	1 258 370	1 608 494	40 977	3 553 761	18 425 236
1961	2 167 761	3 701 696	18 928	31 954	650 623	899 242	6 035 304	-	1 129 295	2 482 648	65 417	4 061 329	21 244 197
1962	2 100 579	5 806 311	53 132	30 933	822 758	1 055 999	4 945 703	6 252	1 058 181	2 713 238	86 073	4 538 963	23 218 122
1963	2 173 863	7 765 232	14 543	52 900	901 667	1 375 115	6 633 428	3 787	1 209 994	4 210 462	62 830	3 667 095	28 070 916
1964	2 103 964	11 695 053	20 772	49 296	1 077 290	1 860 353	8 924 108	9 712	1 217 299	3 545 733	68 511	5 088 459	35 660 550
1965	3 280 599	11 512 159	18 376	51 495	1 704 431	3 495 820	8 333 233	6 498	1 390 141	3 858 198	64 997	5 640 323	39 356 270
1966	4 886 026	13 098 928	22 413	62 132	1 593 947	3 718 092	10 531 886	3 354	1 244 617	3 163 431	49 598	6 303 841	44 678 265
1967	5 355 101	13 262 801	47 428	63 217	1 615 368	3 917 062	6 681 948	13 727	1 637 556	2 195 651	55 820	5 096 428	39 942 107
1968	5 836 125	14 412 576	20 864	70 052	1 408 890	5 818 068	5 822 799	6 553	1 083 434	3 452 401	56 757	5 514 480	43 502 999
1969	4 487 605	9 728 133	100 185	66 956	1 640 760	4 338 443	5 104 136	3 335	1 088 087	4 319 411	40 524	6 289 736	37 207 311
1970	5 482 804	11 837 049	72 533	46 433	1 327 218	4 131 746	9 900 659	9 854	1 532 617	6 022 787	64 436	5 993 298	46 421 434
1971	5 298 786	10 499 612	189 535	51 058	1 283 599	6 293 132	11 186 081	6 528	1 854 774	3 315 158	34 695	8 056 451	48 069 409
1972	4 712 628	10 595 652	139 145	66 106	1 923 223	5 682 245	11 602 385	7 352	2 180 772	2 949 490	32 612	8 784 819	48 676 429
1973	5 033 913	13 911 161	114 005	81 824	1 376 013	4 548 850	10 838 168	31 724	1 381 554	6 001 158	37 932	8 928 505	52 284 807
1974	4 283 693	11 644 802	73 294	95 384	824 263	3 948 976	9 089 431	51 250	1 457 179	4 261 952	4 727	4 314 028	40 048 979
1975	3 848 218	11 983 490	106 487	91 825	919 293	2 950 574	11 256 809	140 776	1 476 270	4 665 804	-	6 114 757	43 554 303
1976	3 699 634	17 036 438	80 545	90 425	997 698	4 238 374	10 903 073	53 764	1 788 140	4 174 199	11 523	6 274 626	49 348 439
1977	5 234 726	18 293 915	98 054	49 212	1 222 491	6 865 879	11 871 506	22 804	1 849 332	4 181 077	21 872	7 745 472	57 456 340
1978	4 317 126	12 587 394	253 149	77 899	1 295 778	6 322 693	12 542 555	55 705	2 139 969	5 921 936	94 270	11 334 206	56 942 680
1979	4 958 367	12 662 015	228 721	64 950	1 234 333	5 234 579	11 564 604	68 858	2 229 585	7 132 625	54 224	9 889 232	55 322 093
1980	4 544 613	7 623 360	93 414	50 178	845 800	1 768 250	14 479 550	111 743	3 935 984	8 712 657	134 505	7 154 055	49 454 109
1981	3 281 287	10 986 746	106 177	7 529	1 504 324	2 936 138	13 909 712	80 976	2 937 183	8 907 569	48 895	5 862 721	50 569 257
1982	2 649 751	5 232 453	93 208	519	919 504	2 254 463	16 203 160	185 270	3 732 135	5 630 625	-	5 914 226	42 815 314
1983	4 150 010	6 956 744	126 908	-	1 068 583	3 276 772	17 917 733	172 588	2 386 479	3 081 321	39 125	5 884 718	45 060 981
1984	5 268 388	6 974 055	130 955	-	1 499 551	4 763 734	16 216 426	437 642	2 162 544	3 536 465	-	6 515 696	47 505 456
1985	4 615 358	4 868 864	239 351	-	1 405 944	3 695 792	11 381 053	670 559	1 793 392	3 374 584	3 469	5 273 332	37 321 698
1986	4 963 950	4 047 190	263 938	2 287	1 699 793	3 669 027	12 050 180	388 870	2 042 659	2 742 024	4 588	5 707 302	37 581 808
1987	5 794 312	5 091 993	326 926	-	2 158 851	3 438 382	13 328 958	337 342	2 102 454	2 217 187	-	5 172 210	39 968 615
1988	6 580 551	5 403 754	225 923	-	2 821 854	3 622 178	10 966 981	170 534	2 144 375	3 869 269	-	4 752 250	40 557 669
1989	6 706 511	5 545 121	164 501	13 704	1 834 542	3 262 837	7 241 831	80 503	2 452 027	5 355 082	-	4 413 711	37 070 370
1990	6 710 550	6 364 916	188 819	377	1 493 422	2 889 138	9 879 737	152 251	2 154 413	3 668 483	-	3 153 833	36 655 939
TOTAL	139 290 349	300 532 813	3 730 561	1 288 450	42 906 407	114 052 526	325 145 547	3 304 718	58 810 836	132 871 857	1 200 703	189 539 118	1 312 673 885

PART IV

St. Lawrence Seaway Toll Traffic

for the

Welland Canal Section

TRAFFIC BY TYPE OF VESSEL
1990

TABLE 1W

WELLAND CANAL SECTION

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Cargo	646	683	1 329	20 690 150	9 234 477	-	-	10 668	2 420 480	11 665 625	29.6	11 193 534.44	35.3
Tug and Barge	17	52	69	205 927	65 247	-	-	-	180	65 427	0.2	212 593.27	0.7
Tanker	31	190	221	1 392 338	230 413	-	-	-	-	230 413	0.6	764 669.39	2.4
Non-Cargo	73	102	175	69 935	-	-	-	-	-	-	0.0	19 435.43	0.1
Total Up	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
Cargo	1 201	117	1 318	20 549 151	12 407 512	12 656 979	67 217	1 357	452 938	25 586 003	64.9	17 689 853.93	55.7
Tug and Barge	55	14	69	204 086	208 983	-	-	-	-	208 983	0.5	307 180.52	1.0
Tanker	207	16	223	1 400 983	1 641 449	-	-	-	-	1 641 449	4.2	1 547 408.96	4.9
Non-Cargo	72	101	173	69 954	-	-	-	-	-	-	0.0	16 800.00	0.1
Total Down	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
Cargo	1 847	800	2 647	41 239 301	21 641 989	12 656 979	67 217	12 025	2 873 418	37 251 628	94.6	28 883 388.37	91.0
Tug and Barge	72	66	138	410 013	274 230	-	-	-	180	274 410	0.7	519 773.79	1.6
Tanker	238	206	444	2 793 321	1 871 862	-	-	-	-	1 871 862	4.8	2 312 078.35	7.3
Non-Cargo	145	203	348	139 889	-	-	-	-	-	-	0.0	36 235.43	0.1
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1990

TABLE 2W — WELLAND CANAL SECTION

ORGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
CANADA:													
Cargo	408	605	1 013	16 050 550	8 539 165	-	-	-	-	8 539 165	21.7	7 702 832.58	24.3
Tug and Barge	17	47	64	191 731	65 247	-	-	-	180	65 427	0.2	199 982.93	0.6
Tanker	19	129	148	872 272	136 906	-	-	-	-	136 906	0.3	493 891.25	1.6
Non-Cargo	73	78	151	52 222	-	-	-	-	-	-	0.0	16 184.50	0.1
Total Canada	517	859	1 376	17 166 775	8 741 318	-	-	-	180	8 741 498	22.2	8 412 891.26	26.5
U.S.A.:													
Cargo	3	8	11	126 096	14 969	-	-	-	-	14 969	0.0	45 824.48	0.1
Tug and Barge	-	5	5	14 196	-	-	-	-	-	-	0.0	12 610.34	0.0
Tanker	1	46	47	241 558	9 300	-	-	-	-	9 300	0.0	135 009.38	0.4
Non-Cargo	-	24	24	17 713	-	-	-	-	-	-	0.0	3 250.93	0.0
Total U.S.A.	4	83	87	399 563	24 269	-	-	-	-	24 269	0.1	196 695.13	0.6
FOREIGN:													
Cargo	235	70	305	4 513 504	680 343	-	-	10 668	2 420 480	3 111 491	7.9	3 444 877.38	10.8
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	11	15	26	278 508	84 207	-	-	-	-	84 207	0.2	135 768.76	0.4
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Foreign	246	85	331	4 792 012	764 550	-	-	10 668	2 420 480	3 195 698	8.1	3 580 646.14	11.3
Total Up	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
CANADA:													
Cargo	475	30	505	7 795 430	2 252 900	8 429 655	32 215	-	150 373	10 865 143	27.6	7 122 456.65	22.4
Tug and Barge	18	4	22	59 936	80 329	-	-	-	-	80 329	0.2	102 145.78	0.3
Tanker	180	12	192	1 210 438	1 488 898	-	-	-	-	1 488 898	3.8	1 346 218.91	4.2
Non-Cargo	72	74	146	48 683	-	-	-	-	-	-	0.0	13 015.11	0.0
Total Canada	745	120	865	9 114 487	3 822 127	8 429 655	32 215	-	150 373	12 434 370	31.6	8 583 836.45	27.0
U.S.A.:													
Cargo	726	87	813	12 753 721	10 154 612	4 227 324	35 002	1 357	302 565	14 720 860	37.4	10 567 397.28	33.3
Tug and Barge	37	10	47	144 150	128 654	-	-	-	-	128 654	0.3	205 034.74	0.6
Tanker	27	4	31	190 545	152 551	-	-	-	-	152 551	0.4	201 190.05	0.6
Non-Cargo	-	27	27	21 271	-	-	-	-	-	-	0.0	3 784.89	0.0
Total U.S.A.	790	128	918	13 109 687	10 435 817	4 227 324	35 002	1 357	302 565	15 002 065	38.1	10 977 406.96	34.6
Total Down	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
CANADA:	1 262	979	2 241	26 281 262	12 563 445	8 429 655	32 215	-	150 553	21 175 868	53.7	16 996 727.71	53.5
U.S.A.:	794	211	1 005	13 509 250	10 460 086	4 227 324	35 002	1 357	302 565	15 026 334	38.1	11 174 102.09	35.2
FOREIGN:	246	85	331	4 792 012	764 550	-	-	10 668	2 420 480	3 195 698	8.1	3 580 646.14	11.3
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1990

TABLE 3W

WELLAND CANAL SECTION

CLASS AND TYPE OF OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OCEAN:													
Cargo	237	96	333	4 885 149	711 492	-	-	10 668	2 420 480	3 142 640	8.0	3 555 363.70	11.2
Tanker	12	24	36	389 794	95 328	-	-	-	-	95 328	0.2	175 048.22	0.6
Total Ocean	249	120	369	5 274 943	806 820	-	-	10 668	2 420 480	3 237 968	8.2	3 730 411.92	11.7
LAKER:													
Cargo	409	587	996	15 805 001	8 522 985	-	-	-	-	8 522 985	21.6	7 638 170.74	24.1
Tug and Barge	17	52	69	205 927	65 247	-	-	-	180	65 427	0.2	212 593.27	0.7
Tanker	19	166	185	1 002 544	135 085	-	-	-	-	135 085	0.3	589 621.17	1.9
Total Laker	445	805	1 250	17 013 472	8 723 317	-	-	-	180	8 723 497	22.1	8 440 385.18	26.6
ALL OTHER:	73	102	175	69 935	-	-	-	-	-	-	0.0	19 435.43	0.1
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
OCEAN:													
Cargo	282	49	331	4 869 014	1 307 818	2 487 897	67 217	1 357	450 796	4 315 085	11.0	3 553 754.04	11.2
Tanker	33	3	36	389 794	308 516	-	-	-	-	308 516	0.8	289 074.70	0.9
Total Ocean	315	52	367	5 258 808	1 616 334	2 487 897	67 217	1 357	450 796	4 623 601	11.7	3 842 828.74	12.1
LAKER:													
Cargo	919	68	987	15 680 137	11 099 694	10 169 082	-	-	2 142	21 270 918	54.0	14 136 099.89	44.5
Tug and Barge	55	14	69	204 086	208 983	-	-	-	-	208 983	0.5	307 180.52	1.0
Tanker	174	13	187	1 011 189	1 332 933	-	-	-	-	1 332 933	3.4	1 258 334.26	4.0
Total Laker	1 148	95	1 243	16 895 412	12 641 610	10 169 082	-	-	2 142	22 812 834	57.9	15 701 614.67	49.5
ALL OTHER:	72	101	173	69 954	-	-	-	-	-	-	0.0	16 800.00	0.1
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
OCEAN:													
Cargo	519	145	664	9 754 163	2 019 310	2 487 897	67 217	12 025	2 871 276	7 457 725	18.9	7 109 117.74	22.4
Tanker	45	27	72	779 588	403 844	-	-	-	-	403 844	1.0	464 122.92	1.5
Total Ocean	564	172	736	10 533 751	2 423 154	2 487 897	67 217	12 025	2 871 276	7 861 569	20.0	7 573 240.66	23.9
LAKER:													
Cargo	1 328	655	1 983	31 485 138	19 622 679	10 169 082	-	-	2 142	29 793 903	75.6	21 774 270.63	68.6
Tug and Barge	72	66	138	410 013	274 230	-	-	-	180	274 410	0.7	519 773.79	1.6
Tanker	193	179	372	2 013 733	1 468 018	-	-	-	-	1 468 018	3.7	1 847 955.43	5.8
Total Laker	1 593	900	2 493	33 908 884	21 364 927	10 169 082	-	-	2 322	31 536 331	80.0	24 141 999.85	76.0
ALL OTHER:	145	203	348	139 889	-	-	-	-	-	-	0.0	36 235.43	0.1
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1990

TABLE 4W

WELLAND CANAL SECTION

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
OVERSEAS:													
Cargo	235	70	305	4 513 504	680 343	-	-	10 668	2 420 480	3 111 491	7.9	3 444 877.38	10.8
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	11	15	26	278 508	86 028	-	-	-	-	86 028	0.2	135 768.76	0.4
Total Overseas	246	85	331	4 792 012	766 371	-	-	10 668	2 420 480	3 197 519	8.1	3 580 646.14	11.3
INLAND:													
Cargo	407	598	1 005	15 881 098	8 512 101	-	-	-	-	8 512 101	21.6	7 651 971.60	24.1
Tug and Barge	17	52	69	205 927	65 247	-	-	-	180	65 427	0.2	212 593.27	0.7
Tanker	16	167	183	1 023 107	107 806	-	-	-	-	107 806	0.3	572 654.76	1.8
Total Inland	440	817	1 257	17 110 132	8 685 154	-	-	-	180	8 685 334	22.0	8 437 219.63	26.6
COASTAL:													
Cargo	4	15	19	295 548	42 033	-	-	-	-	42 033	0.1	96 685.46	0.3
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	4	8	12	90 723	36 579	-	-	-	-	36 579	0.1	56 245.87	0.2
Total Coastal	8	23	31	386 271	78 612	-	-	-	-	78 612	0.2	152 931.33	0.5
NON-CARGO:													
Tug	-	46	46	6 905	-	-	-	-	-	-	0.0	3 003.00	0.0
All Other	73	56	129	63 030	-	-	-	-	-	-	0.0	16 432.43	0.1
Total Non-Cargo	73	102	175	69 935	-	-	-	-	-	-	0.0	19 435.43	0.1
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
OVERSEAS:													
Cargo	280	36	316	4 680 120	1 290 506	2 487 897	67 217	1 357	448 659	4 295 636	10.9	3 491 887.71	11.0
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	29	1	30	319 812	263 797	-	-	-	-	263 797	0.7	244 565.94	0.8
Total Overseas	309	37	346	4 999 932	1 554 303	2 487 897	67 217	1 357	448 659	4 559 433	11.6	3 736 453.65	11.8
INLAND:													
Cargo	903	81	984	15 625 165	11 077 866	9 905 050	-	-	4 279	20 987 195	53.3	13 978 401.84	44.0
Tug and Barge	55	14	69	204 086	208 983	-	-	-	-	208 983	0.5	307 180.52	1.0
Tanker	165	15	180	987 484	1 261 548	-	-	-	-	1 261 548	3.2	1 200 649.61	3.8
Total Inland	1 123	110	1 233	16 816 735	12 548 397	9 905 050	-	-	4 279	22 457 726	57.0	15 486 231.97	48.8
COASTAL:													
Cargo	18	-	18	243 866	39 140	264 032	-	-	-	303 172	0.8	219 564.38	0.7
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Tanker	13	-	13	93 687	116 104	-	-	-	-	116 104	0.3	102 193.41	0.3
Total Coastal	31	-	31	337 553	155 244	264 032	-	-	-	419 276	1.1	321 757.79	1.0
NON-CARGO:													
Tug	-	45	45	6 038	-	-	-	-	-	-	0.0	3 224.00	0.0
All Other	72	56	128	63 916	-	-	-	-	-	-	0.0	13 576.00	0.0
Total Non-Cargo	72	101	173	69 954	-	-	-	-	-	-	0.0	16 800.00	0.1
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY ORIGIN AND DESTINATION
1990

TABLE 5W

WELLAND CANAL SECTION

ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	$	%
UPBOUND:													
Canada - Canada	115	476	591	5 578 073	569 832	-	-	-	-	569 832	1.4	1 887 483.67	5.9
Canada - U.S.A.	402	383	785	11 588 702	8 171 486	-	-	-	180	8 171 666	20.7	6 525 407.59	20.6
Foreign - Canada	26	32	58	771 791	301 328	-	-	-	10 681	312 009	0.8	406 326.87	1.3
Total Canada	543	891	1 434	17 938 566	9 042 646	-	-	-	10 861	9 053 507	23.0	8 819 218.13	27.8
U.S.A. - Canada	1	53	54	290 686	9 300	-	-	-	-	9 300	0.0	149 413.92	0.5
U.S.A. - U.S.A.	3	30	33	108 877	14 969	-	-	-	-	14 969	0.0	47 281.21	0.1
Foreign - U.S.A.	220	53	273	4 020 221	463 222	-	-	10 668	2 409 799	2 883 689	7.3	3 174 319.27	10.0
Total U.S.A.	224	136	360	4 419 784	487 491	-	-	10 668	2 409 799	2 907 958	7.4	3 371 014.40	10.6
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
Canada - Canada	600	110	710	7 432 715	2 782 346	7 763 519	-	-	-	10 545 865	26.8	7 183 713.87	22.6
Canada - U.S.A.	54	4	58	371 160	444 773	13 151	-	-	-	457 924	1.2	420 699.94	1.3
Canada - Foreign	91	6	97	1 310 612	595 008	652 985	32 215	-	150 373	1 430 581	3.6	979 422.64	3.1
Total Canada	745	120	865	9 114 487	3 822 127	8 429 655	32 215	-	150 373	12 434 370	31.6	8 583 836.45	27.0
U.S.A. - Canada	567	76	643	9 376 549	9 446 334	2 392 412	-	-	4 279	11 843 025	30.1	8 183 554.18	25.8
U.S.A. - U.S.A.	5	21	26	43 818	30 188	-	-	-	-	30 188	0.1	36 821.77	0.1
U.S.A. - Foreign	218	31	249	3 689 320	959 295	1 834 912	35 002	1 357	298 286	3 128 852	7.9	2 757 031.01	8.7
Total U.S.A.	790	128	918	13 109 687	10 435 817	4 227 324	35 002	1 357	302 565	15 002 065	38.1	10 977 406.96	34.6
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
Canada - Canada	715	586	1 301	13 010 788	3 352 178	7 763 519	-	-	-	11 115 697	28.2	9 071 197.54	28.6
Canada - U.S.A.	456	387	843	11 959 862	8 616 259	13 151	-	-	180	8 629 590	21.9	6 946 107.53	21.9
Canada - Foreign	91	6	97	1 310 612	595 008	652 985	32 215	-	150 373	1 430 581	3.6	979 422.64	3.1
Foreign - Canada	26	32	58	771 791	301 328	-	-	-	10 681	312 009	0.8	406 326.87	1.3
Total Canada	1 288	1 011	2 299	27 053 053	12 864 773	8 429 655	32 215	-	161 234	21 487 877	54.5	17 403 054.58	54.8
U.S.A. - Canada	568	129	697	9 667 235	9 455 634	2 392 412	-	-	4 279	11 852 325	30.1	8 332 968.10	26.2
U.S.A. - U.S.A.	8	51	59	152 695	45 157	-	-	-	-	45 157	0.1	84 102.98	0.3
U.S.A. - Foreign	218	31	249	3 689 320	959 295	1 834 912	35 002	1 357	298 286	3 128 852	7.9	2 757 031.01	8.7
Foreign - U.S.A.	220	53	273	4 020 221	463 222	-	-	10 668	2 409 799	2 883 689	7.3	3 174 319.27	10.0
Total U.S.A.	1 014	264	1 278	17 529 471	10 923 308	4 227 324	35 002	12 025	2 712 364	17 910 023	45.5	14 348 421.36	45.2
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1990

TABLE 6W

WELLAND CANAL SECTION

TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
Bulk	510	-	510	7 068 922	9 449 036	-	-	-	-	9 449 036	24.0	6 171 372.38	19.4
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	141	-	141	2 006 795	-	-	-	-	1 730 264	1 730 264	4.4	1 915 776.17	6.0
Mixed	44	-	44	825 661	81 101	-	-	10 668	690 396	782 165	2.0	773 617.26	2.4
Passengers	72	-	72	18 144	-	-	-	-	-	-	0.0	6 648.46	0.0
In Ballast - Overseas	-	85	85	1 162 195	-	-	-	-	-	-	0.0	314 841.45	1.0
- Inland	-	817	817	10 915 502	-	-	-	-	-	-	0.0	2 913 587.28	9.2
- Coastal	-	23	23	309 696	-	-	-	-	-	-	0.0	84 666.56	0.3
- Non-Cargo	-	102	102	51 435	-	-	-	-	-	-	0.0	9 722.97	0.0
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
Bulk	830	-	830	10 782 024	14 113 985	-	-	-	-	14 113 985	35.8	10 045 825.74	31.6
Grains	501	-	501	7 945 843	-	11 102 459	-	-	-	11 102 459	28.2	7 373 524.76	23.2
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	19 491.82	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	38	-	38	495 189	-	-	-	-	409 437	409 437	1.0	469 928.18	1.5
Mixed	90	-	90	1 421 734	143 959	1 554 520	-	1 357	43 501	1 743 337	4.4	1 236 902.98	3.9
Passengers	72	-	72	18 144	-	-	-	-	-	-	0.0	6 547.46	0.0
In Ballast - Overseas	-	37	37	488 199	-	-	-	-	-	-	0.0	133 488.19	0.4
- Inland	-	110	110	951 669	-	-	-	-	-	-	0.0	265 281.74	0.8
- Coastal	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
- Non-Cargo	-	101	101	51 810	-	-	-	-	-	-	0.0	10 252.54	0.0
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
Bulk	1 340	-	1 340	17 850 946	23 563 021	-	-	-	-	23 563 021	59.8	16 217 198.12	51.1
Grains	501	-	501	7 945 843	-	11 102 459	-	-	-	11 102 459	28.2	7 373 524.76	23.2
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	19 491.82	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	179	-	179	2 501 984	-	-	-	-	2 139 701	2 139 701	5.4	2 385 704.35	7.5
Mixed	134	-	134	2 247 395	225 060	1 554 520	-	12 025	733 897	2 525 502	6.4	2 010 520.24	6.3
Passengers	144	-	144	36 288	-	-	-	-	-	-	0.0	13 195.92	0.0
In Ballast - Overseas	-	122	122	1 650 394	-	-	-	-	-	-	0.0	448 329.64	1.4
- Inland	-	927	927	11 867 171	-	-	-	-	-	-	0.0	3 178 869.02	10.0
- Coastal	-	23	23	309 696	-	-	-	-	-	-	0.0	84 666.56	0.3
- Non-Cargo	-	203	203	103 245	-	-	-	-	-	-	0.0	19 975.51	0.1
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
UPBOUND

TABLE 7W PART A

WELLAND CANAL SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	63	-	63	798 531	685 270	-	-	-	-	685 270	1.7	579 866.52	1.8
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	139	-	139	2 005 625	-	-	-	-	1 730 084	1 730 084	4.4	1 912 320.91	6.0
Mixed	44	-	44	825 661	81 101	-	-	10 668	690 396	782 165	2.0	773 617.26	2.4
In Ballast	-	85	85	1 162 195	-	-	-	-	-	-	0.0	314 841.45	1.0
Total Overseas	246	85	331	4 792 012	766 371	-	-	10 668	2 420 480	3 197 519	8.1	3 580 646.14	11.3
INLAND:													
Bulk	439	-	439	6 193 816	8 685 154	-	-	-	-	8 685 154	22.0	5 523 241.09	17.4
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	1	-	1	814	-	-	-	-	180	180	0.0	391.26	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	817	817	10 915 502	-	-	-	-	-	-	0.0	2 913 587.28	9.2
Total Inland	440	817	1 257	17 110 132	8 685 154	-	-	-	180	8 685 334	22.0	8 437 219.63	26.6
COASTAL:													
Bulk	8	-	8	76 575	78 612	-	-	-	-	78 612	0.2	68 264.77	0.2
Grains	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
In Ballast	-	23	23	309 696	-	-	-	-	-	-	0.0	84 666.56	0.3
Total Coastal	8	23	31	386 271	78 612	-	-	-	-	78 612	0.2	152 931.33	0.5
NON-CARGO:	73	102	175	69 935	-	-	-	-	-	-	0.0	19 435.43	0.1
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1990
DOWNBOUND

TABLE 7W PART B

WELLAND CANAL SECTION

TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
OVERSEAS:													
Bulk	121	-	121	1 466 244	1 473 962	-	-	-	-	1 473 962	3.7	1 197 469.36	3.8
Grains	106	-	106	1 767 349	-	1 896 603	-	-	-	1 896 603	4.8	1 380 605.77	4.3
Government Aid	4	-	4	69 562	-	-	67 217	-	-	67 217	0.2	19 491.82	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	37	-	37	489 374	-	-	-	-	407 295	407 295	1.0	464 743.45	1.5
Mixed	41	-	41	719 204	80 341	591 294	-	1 357	41 364	714 356	1.8	540 655.06	1.7
In Ballast	-	37	37	488 199	-	-	-	-	-	-	0.0	133 488.19	0 4
Total Overseas	309	37	346	4 999 932	1 554 303	2 487 897	67 217	1 357	448 659	4 559 433	11.6	3 736 453.65	11.8
INLAND:													
Bulk	694	-	694	9 184 993	12 484 779	-	-	-	-	12 484 779	31.7	8 718 157.57	27.5
Grains	385	-	385	5 998 658	-	8 981 108	-	-	-	8 981 108	22.8	5 840 152.95	18.4
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	1	-	1	5 815	-	-	-	-	2 142	2 142	0.0	5 184.73	0.0
Mixed	43	-	43	675 600	63 618	923 942	-	-	2 137	989 697	2.5	657 454.98	2.1
In Ballast	-	110	110	951 669	-	-	-	-	-	-	0.0	265 281.74	0.8
Total Inland	1 123	110	1 233	16 816 735	12 548 397	9 905 050	-	-	4 279	22 457 726	57.0	15 486 231.97	48.8
COASTAL:													
Bulk	15	-	15	130 787	155 244	-	-	-	-	155 244	0.4	130 198.81	0.4
Grains	10	-	10	179 836	-	224 748	-	-	-	224 748	0.6	152 766.04	0.5
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Mixed	6	-	6	26 930	-	39 284	-	-	-	39 284	0.1	38 792.94	0.1
In Ballast	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Coastal	31	-	31	337 553	155 244	264 032	-	-	-	419 276	1.1	321 757.79	1.0
NON-CARGO:	72	101	173	69 954	-	-	-	-	-	-	0.0	16 800.00	0.1
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1990

TABLE 8W — WELLAND CANAL SECTION

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
Canada	1 659	983	2 642	33 198 101	20 815 157	10 114 701	-	-	4 459	30 934 317	78.5	23 661 579.66	74.5
United States	69	112	181	791 000	526 863	54 381	-	-	10 356	591 600	1.5	461 599.30	1.5
England	19	3	22	411 010	110 490	162 818	-	-	79 733	353 041	0.9	292 775.20	0.9
Baltic Countries	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Belgium	9	1	10	216 610	83 760	49 999	-	2 158	81 130	217 047	0.6	175 225.12	0.6
Denmark	10	-	10	92 550	50 303	19 133	-	-	23 425	92 861	0.2	88 256.76	0.3
Norway	28	10	38	597 978	132 571	87 259	-	84	169 714	389 628	1.0	390 273.16	1.2
Sweden	2	-	2	9 490	6 572	-	-	-	5 118	11 690	0.0	13 774.34	0.0
Finland	5	1	6	74 412	10 010	8 800	-	-	18 972	37 782	0.1	47 877.20	0.2
France	10	2	12	204 366	9 700	110 792	-	-	61 567	182 059	0.5	157 466.16	0.5
West Germany	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Greece	49	15	64	940 085	174 048	261 679	-	39	229 240	665 006	1.7	651 539.31	2.1
Italy	9	1	10	85 764	30 059	18 522	-	-	23 097	71 678	0.2	77 713.08	0.2
Poland	32	6	38	607 086	55 017	269 639	-	-	218 141	542 797	1.4	484 915.56	1.5
Russia	6	-	6	36 934	-	-	-	1 731	2 118	3 849	0.0	26 386.32	0.1
Spain	12	5	17	123 815	60 304	-	-	-	34 267	94 571	0.2	109 893.15	0.3
Yugoslavia	23	11	34	620 618	55 014	213 810	18 001	365	119 508	406 698	1.0	372 810.84	1.2
Iceland	2	-	2	9 616	12 436	-	-	-	-	12 436	0.0	12 698.32	0.0
Cuba	2	2	4	42 288	-	19 887	-	-	-	19 887	0.1	24 119.70	0.1
Panama	58	16	74	1 049 138	193 031	189 235	32 215	95	306 676	721 252	1.8	723 447.79	2.3
West Indies	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
BWI and Bermuda	24	12	36	263 244	96 791	32 704	-	-	65 460	194 955	0.5	234 404.94	0.7
Central America	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Brazil	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Peru	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
China	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
India	15	5	20	288 742	14 644	89 149	-	-	92 038	195 831	0.5	203 014.52	0.6
Japan	7	1	8	142 516	15 437	36 639	-	239	58 365	110 680	0.3	105 851.76	0.3
Middle East	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Israel	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Turkey	4	-	4	41 424	41 420	-	-	-	4 695	46 115	0.1	38 924.14	0.1
Other Asia	2	2	4	64 996	14 530	16 092	-	-	-	30 622	0.1	31 555.90	0.1
Liberia	98	34	132	1 959 032	624 980	300 845	17 001	4 065	511 682	1 458 573	3.7	1 383 888.77	4.4
Algeria	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Other	148	53	201	2 696 707	654 944	600 895	-	3 249	753 837	2 012 925	5.1	1 981 484.94	6.2
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1990

TABLE 9W — WELLAND CANAL SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	9 299 218	67 217	-	-	9 366 435	23.8
Corn	-	1 392 679	-	-	-	1 392 679	3.5
Rye	-	5 690	-	-	-	5 690	0.0
Oats	-	5 623	-	-	-	5 623	0.0
Barley	-	1 125 343	-	-	-	1 125 343	2.9
Flour, Wheat	-	-	-	-	-	-	0.0
Flour, Edible, Other	-	-	-	-	-	-	0.0
Soybeans	-	364 755	-	-	-	364 755	0.9
Soybean Oil Cake and Meal	-	-	-	-	-	-	0.0
Beans and Peas	-	93 649	-	-	-	93 649	0.2
Malt	-	-	-	-	-	-	0.0
Flaxseed	-	165 696	-	-	-	165 696	0.4
Sunflower Seeds	-	-	-	-	-	-	0.0
Other Agricultural Products	76 991	204 326	-	3	7	281 327	0.7
Total Agricultural Products	76 991	12 656 979	67 217	3	7	12 801 197	32.5
Packing House Products, Edible	-	-	-	19	-	19	0.0
Hides, Skins and Pelts	-	-	-	-	-	-	0.0
Other Animal Products	8 991	-	-	165	-	9 156	0.0
Total Animal Products	8 991	-	-	184	-	9 175	0.0
Bituminous Coal	6 265 959	-	-	-	-	6 265 959	15.9
Coke	1 037 047	-	-	-	-	1 037 047	2.6
Iron Ore	7 483 022	-	-	-	-	7 483 022	19.0
Aluminum Ore and Concentrates	178 327	-	-	-	-	178 327	0.5
Clay and Bentonite	229 581	-	-	-	-	229 581	0.6
Gravel and Sand	214 373	-	-	-	-	214 373	0.5
Stone, Ground or Crushed	1 766 491	-	-	-	-	1 766 491	4.5
Stone, Rough	15 086	-	-	-	-	15 086	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 513 195	-	-	-	-	1 513 195	3.8
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	887 211	-	-	140	-	887 351	2.3
Total Mine Products	19 590 292	-	-	140	-	19 590 432	49.7
Pulpwood	-	-	-	-	-	-	0.0
Other Forest Products	59 497	-	-	4	-	59 501	0.2
Total Forest Products	59 497	-	-	4	-	59 501	0.2
Gasoline	223 997	-	-	-	-	223 997	0.6
Fuel Oil	938 742	-	-	-	-	938 742	2.4
Lubricating Oils and Grease	28 476	-	-	-	-	28 476	0.1
Petroleum Products, Other	39 556	-	-	-	-	39 556	0.1
Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	0.0
Chemicals	680 293	-	-	825	3 710	684 828	1.7
Sodium Products	87 474	-	-	28	-	87 502	0.2
Tar, Pitch and Creosote	42 849	-	-	-	-	42 849	0.1
Pig Iron	66 500	-	-	-	-	66 500	0.2
Iron and Steel, Bars, Rods, Slabs	2 337	-	-	-	265 862	268 199	0.7
Iron and Steel, Nails and Wire	-	-	-	-	2 284	2 284	0.0
Iron and Steel, Manufactured	1 002	-	-	344	2 492 368	2 493 714	6.3
Machinery and Machines	608	-	-	3 489	26 534	30 631	0.1
Cement	407 310	-	-	-	-	407 310	1.0
Woodpulp	54 881	-	-	-	-	54 881	0.1
Newsprint	-	-	-	-	-	-	0.0
Syrup and Molasses	-	-	-	-	-	-	0.0
Sugar	-	-	-	-	-	-	0.0
Food Products	-	-	-	482	-	482	0.0
Scrap Iron and Steel	369 092	-	-	-	-	369 092	0.9
Other Manufactures and Misc. (1)	1 109 193	-	-	6 526	82 833	1 198 552	3.0
Total Manufactures and Misc.	4 052 310	-	-	11 694	2 873 591	6 937 595	17.6
GRAND TOTAL	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10W PART A — WELLAND CANAL SECTION

NO.	COMMODITY From: / To:	UPBOUND TONNES						TOTAL UP-BOUND	% OF TOTAL UP-BOUND
		CANADA		UNITED STATES		FOREIGN			
		Canada	United States	Canada	United States	Canada	United States		
1	Wheat	-	-	-	-	-	-	-	0.0
2	Corn	-	-	-	-	-	-	-	0.0
3	Rye	-	-	-	-	-	-	-	0.0
4	Oats	-	-	-	-	-	-	-	0.0
5	Barley	-	-	-	-	-	-	-	0.0
6	Flour, Wheat	-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other	-	-	-	-	-	-	-	0.0
8	Soybeans	-	-	-	-	-	-	-	0.0
9	Soybean Oil Cake and Meal	-	-	-	-	-	-	-	0.0
10	Beans and Peas	-	-	-	-	-	-	-	0.0
11	Malt	-	-	-	-	-	-	-	0.0
12	Flaxseed	-	-	-	-	-	-	-	0.0
13	Sunflower Seeds	-	-	-	-	-	-	-	0.0
14	Other Agricultural Products	-	-	-	-	-	10	10	0.0
15	Total Agricultural Products	-	-	-	-	-	10	10	0.0
16	Packing House Products, Edible	-	-	-	-	-	19	19	0.0
17	Hides, Skins and Pelts	-	-	-	-	-	-	-	0.0
18	Other Animal Products	-	-	-	-	-	165	165	0.0
19	Total Animal Products	-	-	-	-	-	184	184	0.0
20	Bituminous Coal	-	-	-	-	-	-	-	0.0
21	Coke	-	106 234	-	-	-	-	106 234	0.9
22	Iron Ore	278 393	6 110 689	-	-	-	59 888	6 448 970	53.9
23	Aluminum Ore and Concentrates	8 922	-	-	-	154 375	15 030	178 327	1.5
24	Clay and Bentonite	-	-	-	-	-	5 905	5 905	0.0
25	Gravel and Sand	-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed	-	805 325	-	-	-	-	805 325	6.7
27	Stone, Rough	-	-	-	14 969	-	117	15 086	0.1
28	Petroleum, Crude	-	-	-	-	-	-	-	0.0
29	Salt	-	-	-	-	-	-	-	0.0
30	Phosphate Rock	-	-	-	-	-	-	-	0.0
31	Sulphur	-	-	-	-	-	-	-	0.0
32	Other Mine Products	30 058	67 378	-	-	20 783	188 394	306 613	2.6
33	Total Mine Products	317 373	7 089 626	-	14 969	175 158	269 334	7 866 460	65.8
34	Pulpwood	-	-	-	-	-	-	-	0.0
35	Other Forest Products	-	-	-	-	-	4	4	0.0
36	Total Forest Products	-	-	-	-	-	4	4	0.0
37	Gasoline	16 015	9 384	-	-	-	-	25 399	0.2
38	Fuel Oil	41 127	50 356	-	-	14 740	-	106 223	0.9
39	Lubricating Oils and Grease	-	-	-	-	28 476	-	28 476	0.2
40	Petroleum Products, Other	8 528	-	-	-	15 002	-	23 530	0.2
41	Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	-	0.0
42	Chemicals	-	17 429	9 300	-	67 952	49 530	144 211	1.2
43	Sodium Products	-	-	-	-	-	28	28	0.0
44	Tar, Pitch and Creosote	-	8 262	-	-	-	-	8 262	0.1
45	Pig Iron	4 260	62 240	-	-	-	-	66 500	0.6
46	Iron and Steel, Bars, Rods, Slabs	-	-	-	-	-	259 179	259 179	2.2
47	Iron and Steel, Nails and Wire	-	-	-	-	-	2 284	2 284	0.0
48	Iron and Steel, Manufactured	-	80	-	-	10 681	2 051 335	2 062 096	17.2
49	Machinery and Machines	-	-	-	-	-	17 823	17 823	0.1
50	Cement	57 261	341 747	-	-	-	-	399 008	3.3
51	Woodpulp	-	-	-	-	-	21 193	21 193	0.2
52	Newsprint	-	-	-	-	-	-	-	0.0
53	Syrup and Molasses	-	-	-	-	-	-	-	0.0
54	Sugar	-	-	-	-	-	-	-	0.0
55	Food Products	-	-	-	-	-	482	482	0.0
56	Scrap Iron and Steel	116 846	99 887	-	-	-	809	217 542	1.8
57	Other Manufactures and Misc. (1)	8 422	492 655	-	-	-	211 494	712 571	6.0
58	Total Manufactures and Misc.	252 459	1 082 040	9 300	-	136 851	2 614 157	4 094 807	34.2
59	GRAND TOTAL	569 832	8 171 666	9 300	14 969	312 009	2 883 689	11 961 465	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1990

TABLE 10W PART B — WELLAND CANAL SECTION

From:	DOWNBOUND TONNES						TOTAL DOWN-BOUND	% OF TOTAL DOWN-BOUND	GRAND TOTALS		
	CANADA			UNITED STATES					TOTAL CARGO TONNES	% OF TOTAL	NO.
To:	Canada	United States	Foreign	Canada	United States	Foreign					
	7 161 869	-	333 369	965 593	-	905 604	9 366 435	34.1	9 366 435	23.8	1
	183 697	13 151	17 741	735 969	-	442 121	1 392 679	5.1	1 392 679	3.5	2
	-	-	5 690	-	-	-	5 690	0.0	5 690	0.0	3
	5 623	-	-	-	-	-	5 623	0.0	5 623	0.0	4
	278 472	-	-	606 574	-	240 297	1 125 343	4.1	1 125 343	2.9	5
	-	-	-	-	-	-	-	0.0	-	0.0	6
	-	-	-	-	-	-	-	0.0	-	0.0	7
	7 615	-	37 939	84 276	-	234 925	364 755	1.3	364 755	0.9	8
	-	-	-	-	-	-	-	0.0	-	0.0	9
	7 631	-	61 819	-	-	24 199	93 649	0.3	93 649	0.2	10
	-	-	-	-	-	-	-	0.0	-	0.0	11
	-	-	165 696	-	-	-	165 696	0.6	165 696	0.4	12
	-	-	-	-	-	-	-	0.0	-	0.0	13
	178 930	-	71 745	-	-	30 642	281 317	1.0	281 327	0.7	14
	7 823 837	13 151	693 999	2 392 412	-	1 877 788	12 801 187	46.7	12 801 197	32.5	15
	-	-	-	-	-	-	-	0.0	19	0.0	16
	-	-	-	-	-	-	-	0.0	-	0.0	17
	-	-	-	-	-	8 991	8 991	0.0	9 156	0.0	18
	-	-	-	-	-	8 991	8 991	0.0	9 175	0.0	19
	-	-	-	6 244 379	-	21 580	6 265 959	22.8	6 265 959	15.9	20
	73 669	-	19 800	531 818	-	305 526	930 813	3.4	1 037 047	2.6	21
	-	-	-	1 034 052	-	-	1 034 052	3.8	7 483 022	19.0	22
	-	-	-	-	-	-	-	0.0	178 327	0.5	23
	-	-	-	141 712	-	81 964	223 676	0.8	229 581	0.6	24
	20 157	-	-	194 216	-	-	214 373	0.8	214 373	0.5	25
	746 618	-	-	214 548	-	-	961 166	3.5	1 766 491	4.5	26
	-	-	-	-	-	-	-	0.0	15 086	0.0	27
	-	-	-	-	-	-	-	0.0	-	0.0	28
	753 130	38 341	-	709 456	12 268	-	1 513 195	5.5	1 513 195	3.8	29
	-	-	-	-	-	-	-	0.0	-	0.0	30
	-	-	-	-	-	-	-	0.0	-	0.0	31
	107 656	75 090	185 141	212 851	-	-	580 738	2.1	887 351	2.3	32
	1 701 230	113 431	204 941	9 283 032	12 268	409 070	11 723 972	42.7	19 590 432	49.7	33
	-	-	-	-	-	-	-	0.0	-	0.0	34
	-	-	59 497	-	-	-	59 497	0.2	59 501	0.2	35
	-	-	59 497	-	-	-	59 497	0.2	59 501	0.2	36
	97 907	-	4 543	96 148	-	-	198 598	0.7	223 997	0.6	37
	549 452	244 558	-	25 173	13 336	-	932 519	3.0	938 742	2.4	38
	-	-	-	-	-	-	-	0.0	28 476	0.1	39
	16 026	-	-	-	-	-	16 026	0.1	39 556	0.1	40
	-	-	-	-	-	-	-	0.0	-	0.0	41
	204 772	73 771	256 475	-	1 859	3 740	540 617	2.0	684 828	1.7	42
	87 474	-	-	-	-	-	87 474	0.3	87 502	0.2	43
	-	-	-	34 587	-	-	34 587	0.1	42 849	0.1	44
	-	-	-	-	-	-	-	0.0	66 500	0.2	45
	2 337	-	-	-	-	6 683	9 020	0.0	268 199	0.7	46
	-	-	-	-	-	-	-	0.0	2 284	0.0	47
	1 002	-	150 237	4 279	-	276 100	431 618	1.6	2 493 714	6.3	48
	608	-	-	-	-	12 200	12 808	0.0	30 631	0.1	49
	-	4 902	-	1 000	2 400	-	8 302	0.0	407 310	1.0	50
	-	-	32 468	-	-	1 220	33 688	0.1	54 881	0.1	51
	-	-	-	-	-	-	-	0.0	-	0.0	52
	-	-	-	-	-	-	-	0.0	-	0.0	53
	-	-	-	-	-	-	-	0.0	-	0.0	54
	-	-	-	-	-	-	-	0.0	482	0.0	55
	-	-	16 058	-	-	135 492	151 550	0.6	369 092	0.9	56
	61 220	8 111	12 363	6 394	325	397 568	485 981	1.8	1 198 552	3.0	57
	1 020 798	331 342	472 144	167 581	17 920	833 003	2 842 788	10.4	6 937 595	17.6	58
	10 545 865	457 924	1 430 581	11 843 025	30 188	3 128 852	27 436 435	100.0	39 397 900	100.0	59

TRAFFIC BY VESSEL LENGTH
1990

TABLE 11W

WELLAND CANNAL SECTION

VESSEL LENGTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
under 32 m	-	51	51	6 017	-	-	-	-	-	-	0.0	3 627.00	0.0
32 - 62 m	74	45	119	43 915	-	-	-	-	180	180	0.0	18 758.62	0.1
63 - 93 m	8	53	61	154 754	13 229	-	-	-	5 912	19 141	0.0	150 163.07	0.5
94 - 124 m	75	81	156	708 821	346 156	-	-	-	53 007	399 163	1.0	663 587.11	2.1
125 - 155 m	65	153	218	1 642 488	360 743	-	-	374	136 518	497 635	1.3	966 393.01	3.0
156 - 186 m	129	50	179	2 588 701	578 390	-	-	362	1 136 757	1 715 509	4.4	1 769 645.94	5.6
187 - 217 m	105	55	160	2 321 461	1 390 483	-	-	669	397 048	1 788 200	4.5	1 317 893.75	4.2
over 217 m	311	539	850	14 892 193	6 841 136	-	-	9 263	691 238	7 541 637	19.1	7 300 164.03	23.0
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
under 32 m	-	56	56	6 907	-	-	-	-	-	-	0.0	4 368.00	0.0
32 - 62 m	75	34	109	39 636	532	-	-	-	-	532	0.0	16 532.52	0.1
63 - 93 m	47	16	63	158 075	172 530	-	-	-	992	173 522	0.4	249 109.24	0.8
94 - 124 m	113	42	155	702 712	611 730	75 237	-	-	14 864	701 831	1.8	817 057.36	2.6
125 - 155 m	190	30	220	1 645 154	1 517 457	76 498	-	1 357	31 666	1 626 978	4.1	1 558 979.54	4.9
156 - 186 m	142	36	178	2 577 834	538 342	1 224 069	49 216	-	261 047	2 072 674	5.3	1 718 201.06	5.4
187 - 217 m	136	22	158	2 288 562	942 946	1 292 677	18 001	-	124 278	2 377 902	6.0	1 752 451.03	5.5
over 217 m	832	12	844	14 805 294	10 474 407	9 988 498	-	-	20 091	20 482 996	52.0	13 444 544.66	42.3
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
under 32 m	-	107	107	12 924	-	-	-	-	-	-	0.0	7 995.00	0.0
32 - 62 m	149	79	228	83 551	532	-	-	-	180	712	0.0	35 291.14	0.1
63 - 93 m	55	69	124	312 829	185 759	-	-	-	6 904	192 663	0.5	399 272.31	1.3
94 - 124 m	188	123	311	1 411 533	957 886	75 237	-	-	67 871	1 100 994	2.8	1 480 644.47	4.7
125 - 155 m	255	183	438	3 287 642	1 878 200	76 498	-	1 731	168 184	2 124 613	5.4	2 525 372.55	8.0
156 - 186 m	271	86	357	5 166 535	1 116 732	1 224 069	49 216	362	1 397 804	3 788 183	9.6	3 487 847.00	11.0
187 - 217 m	241	77	318	4 610 023	2 333 429	1 292 677	18 001	669	521 326	4 166 102	10.6	3 070 344.78	9.7
over 217 m	1 143	551	1 694	29 697 487	17 315 543	9 988 498	-	9 263	711 329	28 024 633	71.1	20 744 708.69	65.3
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1990

TABLE 12W — WELLAND CANAL SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%
UPBOUND:											
under 1000	74	95	169	48 570	-	-	-	-	180	180	0.0
1000 - 1999	4	35	39	77 841	-	-	-	-	3 804	3 804	0.0
2000 - 2999	1	20	21	57 003	2 450	-	-	-	-	2 450	0.0
3000 - 3999	24	36	60	220 009	95 707	-	-	-	18 785	114 492	0.3
4000 - 4999	26	51	77	364 111	104 375	-	-	-	18 573	122 948	0.3
5000 - 5999	32	65	97	542 052	201 393	-	-	-	10 093	211 486	0.5
6000 - 6999	16	17	33	212 840	81 879	-	-	-	15 743	97 622	0.2
7000 - 7999	21	18	39	296 087	178 155	-	-	-	12 729	190 884	0.5
8000 - 8999	13	13	26	219 836	46 798	-	-	-	65 616	112 414	0.3
9000 - 9999	31	28	59	563 092	353 126	-	-	374	6 478	359 978	0.9
10000 - 10999	7	6	13	135 754	43 279	-	-	-	17 294	60 573	0.2
11000 - 11999	13	20	33	378 000	125 442	-	-	-	19 753	145 195	0.4
12000 - 12999	6	10	16	200 514	39 208	-	-	-	37 156	76 364	0.2
13000 - 13999	50	16	66	913 955	857 514	-	-	-	37 893	895 407	2.3
14000 - 14999	23	49	72	1 065 634	292 553	-	-	-	85 634	378 187	1.0
15000 - 15999	64	115	179	2 811 090	1 189 410	-	-	84	181 366	1 370 860	3.5
16000 - 16999	143	154	297	4 883 519	2 395 424	-	-	669	626 742	3 022 835	7.7
17000 & over	219	279	498	9 368 443	3 523 424	-	-	9 541	1 262 821	4 795 786	12.2
Total Up	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4
DOWNBOUND:											
under 1000	75	90	165	46 246	532	-	-	-	-	532	0.0
1000 - 1999	29	12	41	80 986	69 336	-	-	-	3 358	72 694	0.2
2000 - 2999	13	9	22	60 157	52 511	-	-	-	2 137	54 648	0.1
3000 - 3999	51	8	59	216 461	263 842	16 165	-	-	5 415	285 422	0.7
4000 - 4999	64	13	77	363 829	407 251	52 174	-	-	6 220	465 645	1.2
5000 - 5999	79	20	99	553 646	544 944	22 432	-	-	2 142	569 518	1.4
6000 - 6999	22	10	32	206 357	164 948	-	-	-	5 333	170 281	0.4
7000 - 7999	30	9	39	296 087	220 474	54 381	-	-	864	275 719	0.7
8000 - 8999	23	2	25	211 069	160 856	30 077	-	-	2	190 935	0.5
9000 - 9999	42	16	58	553 110	213 471	235 228	-	1 357	11 271	461 327	1.2
10000 - 10999	9	4	13	135 754	52 537	30 887	-	-	9 906	93 330	0.2
11000 - 11999	31	2	33	378 000	311 520	-	-	-	874	312 394	0.8
12000 - 12999	15	2	17	213 256	114 085	99 706	-	-	1 041	214 832	0.5
13000 - 13999	59	6	65	900 288	655 099	400 283	-	-	-	1 055 382	2.7
14000 - 14999	63	7	70	1 034 069	649 888	626 545	-	-	35 172	1 311 605	3.3
15000 - 15999	169	5	174	2 732 690	811 060	2 911 280	-	-	51 158	3 773 498	9.6
16000 - 16999	279	15	294	4 833 988	1 079 180	5 140 194	17 001	-	159 276	6 395 651	16.2
17000 & over	482	18	500	9 408 181	8 486 410	3 037 627	50 216	-	158 769	11 733 022	29.8
Total Down	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6
TOTALS:											
under 1000	149	185	334	94 816	532	-	-	-	180	712	0.0
1000 - 1999	33	47	80	158 827	69 336	-	-	-	7 162	76 498	0.2
2000 - 2999	14	29	43	117 160	54 961	-	-	-	2 137	57 098	0.1
3000 - 3999	75	44	119	436 470	359 549	16 165	-	-	24 200	399 914	1.0
4000 - 4999	90	64	154	727 940	511 626	52 174	-	-	24 793	588 593	1.5
5000 - 5999	111	85	196	1095 698	746 337	22 432	-	-	12 235	781 004	2.0
6000 - 6999	38	27	65	419 197	246 827	-	-	-	21 076	267 903	0.7
7000 - 7999	51	27	78	592 174	398 629	54 381	-	-	13 593	466 603	1.2
8000 - 8999	36	15	51	430 905	207 654	30 077	-	-	65 618	303 349	0.8
9000 - 9999	73	44	117	1116 202	566 597	235 228	-	1 731	17 749	821 305	2.1
10000 - 10999	16	10	26	271 508	95 816	30 887	-	-	27 200	153 903	0.4
11000 - 11999	44	22	66	756 000	436 962	-	-	-	20 627	457 589	1.2
12000 - 12999	21	12	33	413 770	153 293	99 706	-	-	38 197	291 196	0.7
13000 - 13999	109	22	131	1 814 243	1 512 613	400 283	-	-	37 893	1 950 789	5.0
14000 - 14999	86	56	142	2 099 703	942 441	626 545	-	-	120 806	1 689 792	4.3
15000 - 15999	233	120	353	5 543 780	2 000 470	2 911 280	-	84	232 524	5 144 358	13.1
16000 - 16999	422	169	591	9 717 507	3 474 604	5 140 194	17 001	669	786 018	9 418 486	23.9
17000 & over	701	297	998	18 776 624	12 009 834	3 037 627	50 216	9 541	1 421 590	16 528 808	42.0
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO

1990

TABLE 13W

WELLAND CANAL SECTION

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ballast	Total		Bulk	Grains	Govt. Aid	Con-tainers	General	Total	%	$	%
UPBOUND:													
March	5	15	20	273 468	87 442	-	-	-	-	87 442	0.2	70 700.81	0.2
April	74	128	202	2 703 024	1 116 322	-	-	997	166 276	1 283 595	3.3	1 371 360.75	4.3
May	82	145	227	3 013 036	1 015 586	-	-	1 438	291 299	1 308 323	3.3	1 475 590.44	4.6
June	91	141	232	2 689 374	1 052 576	-	-	2 427	199 086	1 254 089	3.2	1 362 192.69	4.3
July	111	116	227	2 616 209	1 279 085	-	-	1 111	295 161	1 575 357	4.0	1 541 226.57	4.9
August	86	99	185	2 278 126	951 826	-	-	821	246 173	1 198 820	3.0	1 217 742.12	3.8
September	89	87	176	2 136 346	1 104 146	-	-	1 101	211 842	1 317 089	3.3	1 235 072.74	3.9
October	83	88	171	2 233 620	1 116 820	-	-	1 315	305 902	1 424 037	3.6	1 366 770.33	4.3
November	108	124	232	2 978 774	1 197 749	-	-	1 185	640 341	1 839 275	4.7	1 852 998.39	5.8
December	38	84	122	1 436 373	608 585	-	-	273	64 580	673 438	1.7	697 577.69	2.2
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Upbound	767	1 027	1 794	22 358 350	9 530 137	-	-	10 668	2 420 660	11 961 465	30.4	12 190 232.53	38.4
DOWNBOUND:													
March	8	6	14	168 504	115 155	44 475	-	-	-	159 630	0.4	111 710.08	0.4
April	149	23	172	2 270 630	1 456 765	1 464 723	-	-	36 561	2 958 049	7.5	2 070 657.53	6.5
May	195	25	220	2 917 351	1 906 319	1 755 477	-	-	57 048	3 718 844	9.4	2 616 549.71	8.2
June	208	34	242	2 864 696	1 961 405	1 529 783	-	-	68 761	3 559 949	9.0	2 537 391.15	8.0
July	180	37	217	2 464 287	1 916 598	964 014	-	984	87 979	2 969 575	7.5	2 184 621.09	6.9
August	166	27	193	2 406 794	1 619 210	1 210 098	-	-	32 822	2 862 130	7.3	2 038 868.18	6.4
September	153	25	178	2 133 978	1 506 531	1 035 712	18 037	-	16 778	2 577 058	6.5	1 837 119.86	5.8
October	139	21	160	2 079 347	1 467 078	1 019 861	14 178	373	28 083	2 529 573	6.4	1 796 734.80	5.7
November	185	28	213	2 675 575	1 405 763	1 919 547	35 002	-	53 935	3 414 247	8.7	2 415 086.40	7.6
December	152	22	174	2 243 010	903 120	1 713 289	-	-	70 971	2 687 380	6.8	1 952 504.61	6.1
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
Total Downbound	1 535	248	1 783	22 224 174	14 257 944	12 656 979	67 217	1 357	452 938	27 436 435	69.6	19 561 243.41	61.6
TOTALS:													
March	13	21	34	441 972	202 597	44 475	-	-	-	247 072	0.6	182 410.89	0.6
April	223	151	374	4 973 654	2 573 087	1 464 723	-	997	202 837	4 241 644	10.8	3 442 018.28	10.8
May	277	170	447	5 930 387	2 921 905	1 755 477	-	1 438	348 347	5 027 167	12.8	4 092 140.15	12.9
June	299	175	474	5 554 072	3 013 981	1 529 783	-	2 427	267 847	4 814 038	12.2	3 899 583.84	12.3
July	291	153	444	5 080 496	3 195 683	964 014	-	2 095	383 140	4 544 932	11.5	3 725 847.66	11.7
August	252	126	378	4 684 920	2 571 036	1 210 098	-	821	278 995	4 060 950	10.3	3 256 610.30	10.3
September	242	112	354	4 270 324	2 610 677	1 035 712	18 037	1 101	228 620	3 894 147	9.9	3 072 192.60	9.7
October	222	109	331	4 312 967	2 583 898	1 019 861	14 178	1 688	333 985	3 953 610	10.0	3 162 505.13	10.0
November	293	152	445	5 654 349	2 603 512	1 919 547	35 002	1 185	694 276	5 253 522	13.3	4 268 084.79	13.4
December	190	106	296	3 679 383	1 511 705	1 713 289	-	273	135 551	3 360 818	8.5	2 650 082.30	8.3
January	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	-	0.0
GRAND TOTAL	2 302	1 275	3 577	44 582 524	23 788 081	12 656 979	67 217	12 025	2 873 598	39 397 900	100.0	31 751 475.94	100.0

TRAFFIC RESULTS
1959 - 1900

HISTORICAL TABLE 14W

WELLAND CANAL SECTION

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total	Up-Bound	Down-Bound	Total
										$	$	$
1959	4 078	3 994	8 072	8 786 100	16 214 644	24 980 744	16 431 297	16 253 019	32 684 316	539 561	681 885	1 221 436
1960	3 802	3 734	7 536	7 595 598	18 939 272	26 534 870	17 827 487	17 700 778	35 528 265	530 004	788 353	1 318 357
1961	3 895	3 852	7 747	6 955 950	21 579 366	28 535 316	20 526 749	20 197 329	40 724 078	571 108	889 343	1 460 451
1962	3 843	3 772	7 615	9 836 922	22 283 136	32 120 058	21 767 377	21 385 156	43 152 533	249 675	390 518	640 193
1963	3 828	3 769	7 597	11 931 721	25 538 163	37 469 884	24 204 537	23 843 127	48 047 664	-	-	-
1964	4 146	4 158	8 304	16 820 427	29 798 445	46 618 872	27 333 030	27 533 536	54 866 566	-	-	-
1965	4 183	4 201	8 384	18 097 086	30 364 883	48 461 969	28 790 195	28 710 105	57 500 300	-	-	-
1966	4 336	4 378	8 714	20 473 738	33 296 611	53 770 349	31 744 958	31 735 164	63 480 122	-	-	-
1967	3 697	3 740	7 437	20 324 823	27 583 070	47 907 893	27 454 783	27 576 227	55 031 010	430 135	483 140	913 275
1968	3 581	3 623	7 204	23 751 472	28 933 020	52 684 492	29 317 614	29 511 720	58 829 334	833 385	915 780	1 749 165
1969	3 426	3 437	6 863	17 580 136	30 983 580	48 563 716	28 840 358	28 798 943	57 639 301	1 142 840	1 351 235	2 494 075
1970	3 557	3 565	7 122	19 207 917	37 910 928	57 118 845	31 447 666	31 410 163	62 857 829	1 588 080	1 945 325	3 533 405
1971	3 425	3 453	6 878	19 591 631	37 613 842	57 205 473	32 237 635	32 286 030	64 523 665	1 956 332	2 375 270	4 331 602
1972	3 390	3 388	6 778	19 160 181	39 075 301	58 235 482	33 249 105	33 087 271	66 336 376	1 892 370	2 350 235	4 242 605
1973	3 411	3 404	6 815	21 513 431	39 444 559	60 957 990	33 004 645	33 265 696	66 270 341	1 901 285	2 331 170	4 232 455
1974	2 580	2 591	5 171	18 279 971	29 220 185	47 500 156	25 554 751	25 538 549	51 093 300	1 446 250	1 730 438	3 176 688
1975	3 010	3 031	6 041	17 137 576	37 156 544	54 294 120	30 715 428	30 829 616	61 545 044	1 607 168	2 112 850	3 720 018
1976	2 928	2 964	5 892	23 285 853	35 082 590	58 368 443	31 001 484	30 982 724	61 984 208	1 726 550	2 062 858	3 789 408
1977	3 080	3 082	6 162	27 366 888	37 710 559	65 077 447	32 816 461	32 909 130	65 725 591	1 877 060	2 153 878	4 030 938
1978	3 310	3 295	6 605	21 257 777	44 413 215	65 670 992	37 128 590	36 870 848	73 999 438	6 903 371	11 387 936	18 291 307
1979	3 267	3 265	6 532	20 286 150	45 878 396	66 164 546	37 413 846	37 406 381	74 820 227	7 678 270	13 563 360	21 241 630
1980	3 287	3 280	6 567	11 986 348	47 619 633	59 605 981	37 615 582	37 629 374	75 244 956	6 259 535	17 350 353	23 609 888
1981	2 979	2 963	5 942	16 601 880	42 248 995	58 850 875	34 350 642	34 188 081	68 538 723	7 703 325	15 389 304	23 092 629
1982	2 578	2 577	5 155	8 824 472	40 199 632	49 024 104	31 824 878	31 728 971	63 553 849	7 043 197	17 486 035	24 529 232
1983	2 356	2 351	4 707	12 305 327	37 839 759	50 145 086	30 442 965	30 112 615	60 555 800	10 060 475	18 084 140	28 144 615
1984	2 369	2 381	4 750	14 079 793	39 837 065	53 916 858	31 561 360	31 673 380	63 234 740	10 951 474	18 879 025	29 830 499
1985	1 908	1 918	3 826	10 887 501	30 964 259	41 851 760	25 154 052	25 156 487	50 310 539	8 521 922	14 746 841	23 268 763
1986	1 969	1 970	3 939	10 224 030	31 388 740	41 612 770	26 292 247	26 191 305	52 483 552	9 718 205	17 414 086	27 132 291
1987	1 972	1 942	3 914	11 430 043	31 294 712	42 724 755	25 866 562	25 827 198	51 693 760	10 934 931	18 741 282	29 676 213
1988	1 963	1 946	3 909	12 363 992	31 172 325	43 536 317	25 678 177	25 497 142	51 175 319	12 360 061	20 337 571	32 697 632
1989	1 794	1 804	3 598	12 113 108	27 796 342	39 909 450	22 736 432	22 999 006	45 735 438	11 953 147	19 265 109	31 218 256
1990	1 794	1 783	3 577	11 961 465	27 436 435	39 397 900	22 358 350	22 224 174	44 582 524	12 190 233	19 561 243	31 751 476
TOTAL	99 762	99 611	199 373	501 999 307	1 056 818 206	1 558 817 513	912 689 263	911 059 445	1 823 748 708	140 569 939	244 768 563	385 338 502

CARGO BY TARIFF CLASSIFICATION

19[illegible] - 1990

HISTORICAL TABLE 15W

WELLAND CANAL SECTION

YEAR	BULK		GRAINS		GOVT. AID		CONTAINERS		GENERAL		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	23 308 292	93.3	-	0.0	-	0.0	-	0.0	1 672 452	6.7	24 980 744	100.0
1960	24 818 852	93.5	-	0.0	-	0.0	-	0.0	1 716 018	6.5	26 534 870	100.0
1961	26 831 290	94.0	-	0.0	-	0.0	-	0.0	1 704 026	6.0	28 535 316	100.0
1962	30 232 066	94.1	-	0.0	-	0.0	-	0.0	1 887 992	5.9	32 120 058	100.0
1963	35 259 789	94.1	-	0.0	-	0.0	-	0.0	2 210 095	5.9	37 469 884	100.0
1964	43 816 326	94.0	-	0.0	-	0.0	-	0.0	2 802 546	6.0	46 618 872	100.0
1965	44 198 339	91.2	-	0.0	-	0.0	-	0.0	4 263 630	8.8	48 461 969	100.0
1966	49 457 587	92.0	-	0.0	-	0.0	-	0.0	4 312 762	8.0	53 770 349	100.0
1967	43 303 804	90.4	-	0.0	-	0.0	-	0.0	4 604 089	9.6	47 907 893	100.0
1968	46 169 258	87.6	-	0.0	-	0.0	-	0.0	6 515 234	12.4	52 684 492	100.0
1969	42 951 603	88.4	-	0.0	-	0.0	-	0.0	5 612 113	11.6	48 563 716	100.0
1970	51 806 382	90.7	-	0.0	-	0.0	-	0.0	5 312 464	9.3	57 118 846	100.0
1971	49 988 093	87.4	-	0.0	-	0.0	-	0.0	7 217 380	12.6	57 205 473	100.0
1972	52 047 776	89.4	-	0.0	-	0.0	-	0.0	6 187 705	10.6	58 235 481	100.0
1973	56 311 178	92.4	-	0.0	-	0.0	-	0.0	4 646 812	7.6	60 957 990	100.0
1974	43 940 811	92.5	-	0.0	-	0.0	-	0.0	3 559 345	7.5	47 500 156	100.0
1975	51 542 945	94.9	-	0.0	-	0.0	-	0.0	2 751 175	5.1	54 294 120	100.0
1976	54 924 368	94.1	-	0.0	-	0.0	-	0.0	3 444 075	5.9	58 368 443	100.0
1977	59 472 129	91.4	-	0.0	-	0.0	-	0.0	5 605 318	8.6	65 077 447	100.0
1978	32 538 514	49.5	28 915 882	44.0	128 945	0.2	198 747	0.3	3 888 904	5.9	65 670 992	100.0
1979	36 433 937	55.1	26 125 570	39.5	158 887	0.2	186 229	0.3	3 259 923	4.9	66 164 546	100.0
1980	29 597 504	49.7	28 144 695	47.2	168 103	0.3	139 942	0.2	1 555 737	2.6	59 605 981	100.0
1981	30 284 988	51.5	25 556 622	43.4	242 580	0.4	39 188	0.1	2 727 497	4.6	58 850 875	100.0
1982	21 490 570	43.8	25 179 641	51.4	290 707	0.6	53 826	0.1	2 009 360	4.1	49 024 104	100.0
1983	22 059 063	44.0	24 804 023	49.5	294 326	0.6	37 356	0.1	2 950 318	5.9	50 145 086	100.0
1984	24 972 587	46.3	24 441 099	45.4	229 730	0.4	111 011	0.2	4 162 431	7.7	53 916 858	100.0
1985	21 168 333	50.6	17 024 549	40.7	261 476	0.6	79 154	0.2	3 318 248	7.9	41 851 760	100.0
1986	21 182 530	50.9	17 015 294	40.9	227 432	0.5	22 966	0.1	3 164 548	7.6	41 612 770	100.0
1987	20 427 881	47.8	19 072 346	44.6	210 398	0.5	24 308	0.1	2 989 822	7.0	42 724 755	100.0
1988	24 119 789	55.4	16 062 624	36.9	84 327	0.2	23 490	0.1	3 246 087	7.4	43 536 317	100.0
1989	24 387 306	61.1	12 094 818	30.3	151 603	0.4	16 644	0.0	3 259 079	8.2	39 909 450	100.0
1990	23 788 081	60.4	12 656 979	32.1	67 217	0.2	12 025	0.0	2 873 598	7.3	39 397 900	100.0
TOTAL	1 162 831 971	74.6	277 094 142	17.8	2 515 731	0.2	944 886	0.1	115 430 783	7.4	1 558 817 513	100.0

TOTAL TOLLS REVENUE

1959 - 1990

HISTORICAL TABLE 16W

WELLAND CANAL SECTION

YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	Bulk	Grains	Govt. Aid	Con-tainers	General	Total				
	$	$	$	$	$	$	$	$	$	$
1959	496 682	NOT	NOT	NOT	89 212	585 894	627 159	NOT	8 383	1 221 436
1960	526 025	APPLICABLE	APPLICABLE	APPLICABLE	90 925	616 950	683 116	APPLICABLE	18 291	1 318 357
1961	567 548	-	-	-	90 111	657 659	781 044	-	21 748	1 460 451
1962*	-	-	-	-	-	-	-	-	640 193	640 193
1963	NOT	-	-	-	NOT	NOT	NOT	-	NOT	-
1964	APPLICABLE	-	-	-	APPLICABLE	APPLICABLE	APPLICABLE	-	APPLICABLE	-
1965	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	913 275	-	913 275
1968	-	-	-	-	-	-	-	1 749 165	-	1 749 165
1969	-	-	-	-	-	-	-	2 494 075	-	2 494 075
1970	-	-	-	-	-	-	-	3 533 405	-	3 533 405
1971	-	-	-	-	-	-	-	4 331 602	-	4 331 602
1972	-	-	-	-	-	-	-	4 242 605	-	4 242 605
1973	-	-	-	-	-	-	-	4 232 455	-	4 232 455
1974	-	-	-	-	-	-	-	3 176 688	-	3 176 688
1975	-	-	-	-	-	-	-	3 720 018	-	3 720 018
1976	-	-	-	-	-	-	-	3 789 408	-	3 789 408
1977	-	-	-	-	-	-	-	4 030 938	-	4 030 938
1978	6 265 378	5 744 015	25 789	61 612	1 088 572	13 185 366	5 094 839	NOT	11 102	18 291 307
1979	8 463 499	6 236 588	38 133	57 731	1 271 265	16 067 216	5 164 336	APPLICABLE	10 078	21 241 630
1980	8 855 902	8 680 252	52 112	43 382	777 792	18 409 440	5 189 574	-	10 874	23 609 888
1981	9 055 811	7 869 628	75 200	12 148	1 360 405	18 373 192	4 707 569	-	11 868	23 092 629
1982	6 600 145	7 761 044	90 119	16 686	1 004 663	15 472 657	4 398 370	4 643 925	14 280	24 529 232
1983	6 687 009	7 643 180	91 241	11 580	1 475 130	15 908 140	4 165 373	8 061 656	9 446	28 144 615
1984	7 549 564	7 524 600	71 216	34 413	2 081 184	17 260 977	4 356 780	8 200 688	12 054	29 830 499
1985	6 345 608	5 237 942	81 057	24 538	1 659 124	13 348 269	3 449 541	6 459 219	11 734	23 268 763
1986	7 352 177	6 059 164	81 876	8 268	1 835 438	15 336 923	4 116 802	7 662 160	16 406	27 132 291
1987	7 682 740	7 361 180	82 055	9 480	1 883 577	17 019 032	4 543 936	8 091 383	21 862	29 676 213
1988	9 849 929	6 689 419	35 417	9 866	2 207 339	18 791 970	5 009 609	8 878 770	17 283	32 697 632
1989	10 410 091	5 231 970	-	7 323	2 313 798	17 963 182	4 923 146	8 311 312	20 616	31 218 256
1990	10 546 700	5 769 689	-	5 532	2 126 330	18 448 251	4 784 995	8 491 235	26 995	31 751 476
TOTAL	107 254 808	87 808 671	724 215	302 559	21 354 865	217 445 118	61 996 189	105 013 982	883 213	385 338 502

* Tolls suspended 7/62. Individual breakout not available for that period.

VESSEL TRANSITS
1959 - 1990

HISTORICAL TABLE 17W

WELLAND CANAL SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL			
	CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS		
		Loaded	Ballast	Total		Loaded	Ballast	Total		Loaded	Ballast	Total
1959	8 766 100	2 171	1 907	4 078	16 214 644	3 315	679	3 994	24 980 744	5 486	2 586	8 072
1960	7 595 598	1 960	1 842	3 802	18 939 272	3 247	487	3 734	26 534 870	5 207	2 329	7 536
1961	6 955 950	1 842	2 053	3 895	21 579 366	3 364	488	3 852	28 535 316	5 206	2 541	7 747
1962	9 836 922	2 037	1 806	3 843	22 283 136	3 214	558	3 772	32 120 058	5 251	2 364	7 615
1963	11 931 721	2 069	1 759	3 828	25 538 163	3 199	570	3 769	37 469 884	5 268	2 329	7 597
1964	16 820 427	2 441	1 705	4 146	29 798 445	3 629	529	4 158	46 618 872	6 070	2 234	8 304
1965	18 097 086	2 572	1 611	4 183	30 364 883	3 566	635	4 201	48 461 969	6 138	2 246	8 384
1966	20 473 738	2 689	1 647	4 336	33 296 611	3 698	680	4 378	53 770 349	6 387	2 327	8 714
1967	20 324 823	2 488	1 209	3 697	27 583 070	2 985	755	3 740	47 907 893	5 473	1 964	7 437
1968	23 751 472	2 554	1 027	3 581	28 933 020	2 785	838	3 623	52 684 492	5 339	1 865	7 204
1969	17 580 136	2 102	1 324	3 426	30 983 580	2 835	602	3 437	48 563 716	4 937	1 926	6 863
1970	19 207 917	2 070	1 487	3 557	37 910 928	3 072	493	3 565	57 118 845	5 142	1 980	7 122
1971	19 591 631	2 054	1 371	3 425	37 613 842	2 973	480	3 453	57 205 473	5 027	1 851	6 878
1972	19 160 181	1 968	1 422	3 390	39 075 301	2 923	465	3 388	58 235 482	4 891	1 887	6 778
1973	21 513 431	1 962	1 449	3 411	39 444 559	2 856	548	3 404	60 957 990	4 818	1 997	6 815
1974	18 279 971	1 520	1 060	2 580	29 220 185	2 079	512	2 591	47 500 156	3 599	1 572	5 171
1975	17 137 576	1 446	1 564	3 010	37 156 544	2 599	432	3 031	54 294 120	4 045	1 996	6 041
1976	23 285 853	1 736	1 192	2 928	35 082 590	2 513	451	2 964	58 366 443	4 249	1 643	5 892
1977	27 366 888	2 026	1 054	3 080	37 710 559	2 614	468	3 082	65 077 447	4 640	1 522	6 162
1978	21 257 777	1 667	1 643	3 310	44 413 215	2 927	368	3 295	65 670 992	4 594	2 011	6 605
1979	20 286 150	1 487	1 780	3 267	45 878 396	2 915	350	3 265	66 164 546	4 402	2 130	6 532
1980	11 986 348	917	2 370	3 287	47 619 633	2 992	288	3 280	59 605 981	3 909	2 658	6 567
1981	16 601 880	1 172	1 807	2 979	42 248 995	2 623	340	2 963	58 850 875	3 795	2 147	5 942
1982	8 824 472	641	1 937	2 578	40 199 632	2 320	257	2 577	49 024 104	2 961	2 194	5 155
1983	12 305 327	789	1 567	2 356	37 839 759	2 115	236	2 351	50 145 086	2 904	1 803	4 707
1984	14 079 793	896	1 473	2 369	39 837 065	2 161	220	2 381	53 916 858	3 057	1 693	4 750
1985	10 887 501	713	1 195	1 908	30 964 259	1 702	216	1 918	41 851 760	2 415	1 411	3 826
1986	10 224 030	723	1 266	1 989	31 388 740	1 724	246	1 970	41 612 770	2 447	1 512	3 959
1987	11 430 043	759	1 213	1 972	31 294 712	1 648	294	1 942	42 724 755	2 407	1 507	3 914
1988	12 363 992	810	1 153	1 963	31 172 325	1 658	288	1 946	43 536 317	2 468	1 441	3 909
1989	12 113 108	804	990	1 794	27 796 342	1 573	231	1 804	39 909 450	2 377	1 221	3 598
1990	11 961 465	767	1 027	1 794	27 436 435	1 535	248	1 783	39 397 900	2 302	1 275	3 577
TOTAL	501 999 307	51 852	47 910	99 762	1 056 818 206	85 359	14 252	99 611	1 558 817 513	137 211	62 162	199 373

VESSEL ANALYSIS
1959 - 1990

HISTORICAL TABLE 18W

WELLAND CANAL SECTION

YEAR	UPBOUND				DOWNBOUND				TOTAL	
	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	PERCENT OF TOTAL		Percent Loaded	Tonnes/ Loaded Transit	Percent Loaded	Tonnes/ Loaded Transit
	Tonnes	Transits			Tonnes	Transits				
	%	%	%		%	%	%		%	
1959	35.1	50.5	53.2	4 038	64.9	49.5	83.0	4 891	68.0	4 554
1960	28.6	50.5	51.6	3 875	71.4	49.5	87.0	5 833	69.1	5 096
1961	24.4	50.3	47.3	3 776	75.6	49.7	87.3	6 415	67.2	5 481
1962	30.6	50.5	53.0	4 829	69.4	49.5	85.2	6 933	69.0	6 117
1963	31.8	50.4	54.0	5 767	68.2	49.6	84.9	7 983	69.3	7 113
1964	36.1	49.9	58.9	6 891	63.9	50.1	87.3	8 211	73.1	7 680
1965	37.3	49.9	61.5	7 036	62.7	50.1	84.9	8 515	73.2	7 895
1966	38.1	49.8	62.0	7 614	61.9	50.2	84.5	9 004	73.3	8 419
1967	42.4	49.7	67.3	8 169	57.6	50.3	79.8	9 241	73.6	8 753
1968	45.1	49.7	71.3	9 300	54.9	50.3	76.9	10 389	74.1	9 868
1969	36.2	49.9	61.4	8 364	63.8	50.1	82.5	10 929	71.9	9 837
1970	33.6	49.9	58.2	9 279	66.4	50.1	86.2	12 341	72.2	11 108
1971	34.2	49.8	60.0	9 538	65.8	50.2	86.1	12 652	73.1	11 380
1972	32.9	50.0	58.1	9 736	67.1	50.0	86.3	13 368	72.2	11 907
1973	35.3	50.1	57.5	10 965	64.7	49.9	83.9	13 811	70.7	12 652
1974	38.5	49.9	58.9	12 026	61.5	50.1	80.2	14 055	69.6	13 198
1975	31.6	49.8	48.0	11 852	68.4	50.2	85.7	14 296	67.0	13 423
1976	39.9	49.7	59.3	13 414	60.1	50.3	84.8	13 960	72.1	13 737
1977	42.1	50.0	65.8	13 508	57.9	50.0	84.8	14 426	75.3	14 025
1978	32.4	50.1	50.4	12 752	67.6	49.9	88.8	15 174	69.6	14 295
1979	30.7	50.0	45.5	13 642	69.3	50.0	89.3	15 739	67.4	15 031
1980	20.1	50.1	27.9	13 071	79.9	49.9	91.2	15 916	59.5	15 248
1981	28.2	50.1	39.3	14 165	71.8	49.9	88.5	16 107	63.9	15 507
1982	18.0	50.0	24.9	13 767	82.0	50.0	90.0	17 327	57.4	16 557
1983	24.5	50.1	33.5	15 596	75.5	49.9	90.0	17 891	61.7	17 268
1984	26.1	49.4	37.8	15 714	73.9	50.1	90.8	18 434	64.4	17 637
1985	26.0	49.9	37.4	15 270	74.0	50.1	88.7	18 192	63.1	17 330
1986	24.6	50.2	36.3	14 141	75.4	49.8	87.5	18 207	61.8	17 006
1987	26.8	50.4	38.5	15 059	73.2	49.6	84.9	18 990	61.5	17 750
1988	28.4	50.2	41.3	15 264	71.6	49.8	85.2	18 801	63.1	17 640
1989	30.4	49.9	44.8	15 066	69.6	50.1	87.2	17 671	66.1	16 790
1990	30.4	50.2	42.8	15 595	69.6	49.8	86.1	17 874	64.4	17 115
TOTAL	32.2	50.0	52.0	9 681	67.8	50.0	85.7	12 381	68.8	11 361

CARGO BY TRANSIT AND VESSEL
1959 - 1990

HISTORICAL TABLE 19W

WELLAND CANAL SECTION

YEAR	TYPE OF TRANSIT						CLASS OF VESSEL				TYPE OF VESSEL					
	OVERSEAS		INLAND		COASTAL		OCEAN		LAKER		CARGO		TANKER		TUG & BARGE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	4 716 431	18.9	20 264 313	81.1	-	0.0	4 716 431	18.9	20 264 313	81.1	22 784 700	91.2	1 614 268	6.5	581 776	2.3
1960	5 711 334	21.5	20 823 536	78.5	-	0.0	5 711 334	21.5	20 823 536	78.5	24 101 978	90.8	1 807 582	6.8	625 310	2.4
1961	5 633 130	19.7	22 902 186	80.3	-	0.0	5 633 130	19.7	22 902 186	80.3	26 120 118	91.5	1 899 307	6.7	515 891	1.8
1962	6 809 791	21.2	25 310 267	78.8	-	0.0	6 809 791	21.2	25 310 267	78.8	30 102 465	93.7	1 489 980	4.6	527 613	1.6
1963	5 893 984	15.7	31 575 900	84.3	-	0.0	5 893 984	15.7	31 575 900	84.3	35 497 909	94.7	1 510 280	4.0	461 695	1.2
1964	7 869 220	16.9	38 749 652	83.1	-	0.0	7 869 220	16.9	38 749 652	83.1	44 263 061	94.9	1 848 564	4.0	507 247	1.1
1965	10 430 874	21.5	38 031 095	78.5	-	0.0	10 430 874	21.5	38 031 095	78.5	45 877 665	94.7	2 113 993	4.4	470 311	1.0
1966	11 106 387	20.7	42 663 962	79.3	-	0.0	11 106 387	20.7	42 663 962	79.3	51 251 838	95.3	2 042 769	3.8	475 742	0.9
1967	10 206 709	21.3	36 722 365	76.7	978 819	2.0	11 185 528	23.3	36 722 365	76.7	45 604 389	95.2	1 834 558	3.8	468 946	1.0
1968	12 145 073	23.1	39 704 460	75.4	834 959	1.6	12 980 032	24.6	39 704 460	75.4	50 266 461	95.4	1 975 163	3.7	442 868	0.8
1969	11 424 450	23.5	36 289 594	74.7	849 672	1.7	12 274 122	25.3	36 289 594	74.7	46 043 263	94.8	2 084 769	4.3	435 684	0.9
1970	11 215 807	19.6	45 297 681	79.3	605 357	1.1	11 821 164	20.7	45 297 681	79.3	54 661 010	95.7	2 095 329	3.7	362 506	0.6
1971	16 071 100	28.1	40 587 364	71.0	547 009	1.0	16 618 109	29.0	40 587 364	71.0	55 016 618	96.2	1 919 788	3.4	269 067	0.5
1972	16 265 373	27.9	41 519 999	71.3	450 110	0.8	16 715 483	28.7	41 519 999	71.3	55 839 377	95.9	2 129 298	3.7	266 807	0.5
1973	14 821 168	24.3	45 596 613	74.8	540 209	0.9	15 361 377	25.2	45 596 613	74.8	57 845 485	94.9	2 586 232	4.2	526 273	0.9
1974	9 579 364	20.2	37 504 781	79.0	416 011	0.9	9 995 375	21.0	37 504 781	79.0	45 260 448	95.3	2 023 841	4.3	215 867	0.5
1975	10 195 339	18.8	43 626 156	80.4	472 625	0.9	10 667 964	19.6	43 626 156	80.4	52 331 075	96.4	1 715 279	3.2	247 766	0.5
1976	11 900 185	20.4	46 104 184	79.0	364 074	0.6	12 264 259	21.0	46 104 184	79.0	56 689 147	97.1	1 590 546	2.7	88 750	0.2
1977	16 453 343	25.3	47 941 573	73.7	682 531	1.0	17 135 874	26.3	47 941 573	73.7	63 155 547	97.0	1 749 201	2.7	172 699	0.3
1978	19 767 779	30.1	45 111 141	68.7	792 072	1.2	20 559 851	31.3	45 111 141	68.7	63 569 887	96.8	1 947 963	3.0	153 142	0.2
1979	17 195 572	26.0	48 352 869	73.1	616 105	0.9	17 811 677	26.9	48 352 869	73.1	63 262 111	95.6	2 669 488	4.0	232 947	0.4
1980	11 907 352	20.0	47 087 307	79.0	611 322	1.0	12 518 674	21.0	47 087 307	79.0	56 555 170	94.9	2 457 562	4.1	593 249	1.0
1981	11 824 326	20.1	46 588 822	79.2	437 727	0.7	12 262 053	20.8	46 588 822	79.2	55 630 318	94.5	2 638 941	4.5	581 616	1.0
1982	10 833 216	22.1	37 589 468	76.7	601 420	1.2	11 434 636	23.3	37 589 468	76.7	46 559 832	95.0	2 173 056	4.4	291 216	0.6
1983	11 465 368	22.9	38 187 526	76.2	492 192	1.0	11 957 560	23.8	38 187 526	76.2	48 149 049	96.0	1 970 839	3.9	25 198	0.1
1984	13 472 531	25.0	40 049 965	74.3	394 362	0.7	13 866 893	25.7	40 049 965	74.3	52 216 687	96.8	1 594 761	3.0	105 410	0.2
1985	10 734 244	25.6	30 365 838	72.6	751 678	1.8	11 485 922	27.4	30 365 838	72.6	40 119 552	95.9	1 585 436	3.8	146 772	0.4
1986	11 317 039	27.2	29 572 588	71.1	723 143	1.7	12 040 182	28.9	29 572 588	71.1	39 733 850	95.5	1 838 199	4.4	40 721	0.1
1987	10 734 325	25.1	31 288 601	73.2	701 829	1.6	11 436 154	26.8	31 288 601	73.2	41 089 218	96.2	1 519 798	3.6	115 739	0.3
1988	10 909 606	25.0	32 163 998	73.9	462 713	1.1	11 372 319	26.1	32 163 998	73.9	41 489 242	95.3	1 853 027	4.3	194 048	0.4
1989	9 669 950	24.2	29 654 770	74.3	584 730	1.5	10 254 680	25.7	29 654 770	74.3	37 954 678	95.1	1 707 862	4.3	246 910	0.6
1990	7 756 952	19.7	31 143 060	79.0	497 888	1.3	8 254 840	21.0	31 143 060	79.0	37 251 628	94.6	1 871 862	4.8	274 410	0.7
TOTAL	356 037 322	22.8	1 188 371 634	76.2	14 408 557	0.9	370 445 879	23.8	1 188 371 634	76.2	1 486 293 776	95.3	61 859 541	4.0	10 664 196	0.7

TRAFFIC BY VESSEL LENGTH
1959 - 1990

HISTORICAL TABLE 20W

WELLAND CANAL SECTION

	TRANSITS								CARGO TONNES							
YEAR	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL	0 - 62m	63 - 93m	94 - 124m	125 - 155m	156 - 186m	187 - 217m	OVER 217m	TOTAL
1959	711	3 682	934	1 406	649	577	113	8 072	51 990	6 172 912	2 306 180	4 790 578	4 015 972	6 259 579	1 383 533	24 980 744
1960	345	3 019	1 121	1 382	867	612	190	7 536	49 499	4 645 364	2 630 191	5 024 448	5 363 955	6 184 772	2 636 641	26 534 870
1961	288	2 576	1 143	1 839	956	579	366	7 747	46 601	3 983 566	2 751 914	6 185 352	5 165 355	5 589 105	4 813 423	28 535 316
1962	358	2 107	1 141	1 930	934	701	444	7 615	57 458	3 401 236	2 733 131	6 803 130	5 414 798	6 948 959	6 761 346	32 120 058
1963	560	1 649	1 078	1 846	973	770	721	7 597	208 680	2 829 563	2 500 026	6 563 239	5 840 911	8 774 186	10 753 279	37 469 884
1964	407	1 581	1 143	2 040	1 440	996	697	8 304	45 405	2 788 139	2 752 284	7 433 674	9 281 665	11 590 219	12 727 486	46 618 872
1965	471	1 402	1 279	1 928	1 592	903	809	8 384	46 246	2 580 863	3 088 751	7 450 401	10 946 149	10 551 642	13 797 917	48 461 969
1966	461	1 254	1 335	1 895	1 821	992	956	8 714	42 671	2 394 304	3 101 446	7 069 439	12 797 091	11 438 314	16 927 084	53 770 349
1967	383	1 016	1 266	1 417	1 384	836	1 135	7 437	77 344	1 902 997	2 891 977	5 232 742	9 886 840	9 477 554	18 438 439	47 907 893
1968	366	967	945	1 293	1 379	886	1 368	7 204	43 274	1 777 662	2 497 377	5 063 966	11 192 457	10 138 507	21 971 249	52 684 492
1969	382	919	964	1 256	1 207	618	1 517	6 863	48 482	1 513 154	2 512 046	4 520 705	9 577 066	7 108 760	23 283 503	48 563 716
1970	297	807	984	1 197	1 322	774	1 741	7 122	24 409	1 451 450	2 628 450	4 447 406	10 849 694	9 497 798	28 219 638	57 118 845
1971	279	533	934	1 205	1 514	872	1 541	6 878	25 547	909 389	2 533 881	5 326 787	12 668 932	10 137 427	25 603 510	57 205 473
1972	245	543	824	1 084	1 588	907	1 587	6 778	22 502	895 819	2 415 212	4 790 889	13 595 716	10 505 001	26 010 343	58 235 482
1973	293	521	957	988	1 417	1 000	1 639	6 815	16 284	867 270	3 058 219	4 897 568	12 053 480	12 120 458	27 944 711	60 957 990
1974	286	325	657	642	1 022	886	1 353	5 171	32 455	517 717	1 908 773	2 852 505	8 860 628	10 913 334	22 414 744	47 500 156
1975	344	323	669	776	1 251	989	1 689	6 041	34 105	430 060	1 879 308	3 008 164	9 891 618	11 731 162	27 319 703	54 294 120
1976	263	181	677	657	1 299	1 143	1 652	5 892	8 309	236 753	1 939 812	2 517 601	11 416 581	13 953 803	28 295 584	58 368 443
1977	255	315	722	662	1 692	1 032	1 484	6 162	25 287	430 172	2 234 580	2 908 353	18 001 653	14 408 867	27 068 535	65 077 447
1978	213	358	678	814	1 874	990	1 678	6 605	2 454	431 520	2 222 638	4 119 710	18 195 445	12 618 924	28 080 301	65 670 992
1979	210	298	661	899	1 630	939	1 895	6 532	3 873	355 653	2 213 605	4 369 083	15 736 352	12 555 401	30 930 579	66 164 546
1980	225	372	575	830	1 627	876	2 062	6 567	2 457	466 627	1 976 550	3 981 466	12 640 688	8 964 849	31 573 344	59 605 981
1981	235	288	516	733	1 384	886	1 900	5 942	2 060	336 502	1 786 390	3 872 378	11 759 575	10 273 600	30 820 370	58 850 875
1982	209	157	407	611	1 159	689	1 923	5 155	7 625	142 270	1 307 702	3 108 047	8 720 523	7 443 240	28 294 697	49 024 104
1983	155	102	445	485	962	555	2 003	4 707	1 956	103 255	1 548 961	2 660 463	8 245 090	6 528 174	31 057 187	50 145 086
1984	182	66	417	464	907	516	2 198	4 750	1 515	98 655	1 522 345	2 806 669	9 225 301	6 097 806	34 164 567	53 916 858
1985	192	49	365	384	698	425	1 713	3 826	2 450	53 927	1 398 000	1 969 805	7 088 275	4 736 334	26 602 969	41 851 760
1986	235	46	321	467	702	465	1 723	3 959	1 320	29 463	1 154 762	2 245 600	7 093 207	5 290 721	25 797 697	41 612 770
1987	271	45	348	412	604	443	1 791	3 914	3 790	60 077	1 211 387	2 098 890	6 338 718	5 017 749	27 994 144	42 724 755
1988	230	84	349	450	592	398	1 806	3 909	1 554	152 510	1 269 612	2 257 169	6 117 728	4 889 791	28 847 953	43 536 317
1989	298	126	251	438	522	365	1 598	3 598	2 909	191 513	866 328	2 250 835	5 367 221	4 736 923	26 493 721	39 909 450
1990	335	124	311	438	357	318	1 694	3 577	712	192 663	1 100 994	2 124 613	3 788 183	4 166 102	28 024 633	39 397 900
TOTAL	10 004	25 835	24 417	32 868	37 325	23 938	44 986	199 373	941 223	42 343 025	67 942 832	134 751 675	307 136 867	280 649 061	725 052 830	1 558 817 513

COMMODITY GROUPS
1959 - 1990

HISTORICAL TABLE 21W — WELLAND CANAL SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	7 999 437	32.0	168 704	0.7	12 140 924	48.6	321 328	1.3	4 008 825	16.0	341 526	1.4	24 980 744	100.0
1960	8 810 089	33.2	183 133	0.7	12 733 150	48.0	262 127	1.0	4 158 376	15.7	387 995	1.5	26 534 870	100.0
1961	11 004 608	38.6	229 561	0.8	11 535 291	40.4	239 571	0.8	5 105 856	17.9	420 429	1.5	28 535 316	100.0
1962	11 384 590	35.4	249 247	0.8	15 564 673	48.5	255 819	0.8	4 215 876	13.1	449 853	1.4	32 120 058	100.0
1963	13 737 812	36.7	335 632	0.9	18 108 572	48.3	276 410	0.7	4 659 215	12.5	352 243	0.9	37 469 884	100.0
1964	16 709 297	35.8	450 188	1.0	23 326 827	50.0	290 692	0.6	5 402 094	11.6	439 774	0.9	46 618 872	100.0
1965	16 762 027	34.6	347 339	0.7	23 636 219	48.8	213 050	0.4	7 063 161	14.6	440 173	0.9	48 461 969	100.0
1966	19 366 507	36.0	311 114	0.6	26 105 912	48.6	280 526	0.5	7 315 403	13.6	390 887	0.7	53 770 349	100.0
1967	13 633 467	28.5	320 144	0.7	25 922 502	54.1	279 526	0.6	7 495 611	15.6	256 643	0.5	47 907 893	100.0
1968	13 140 856	24.9	295 267	0.6	28 995 223	55.0	271 765	0.5	9 591 986	18.2	389 395	0.7	52 684 492	100.0
1969	12 516 925	25.8	284 132	0.6	25 369 456	52.2	219 620	0.5	9 767 893	20.1	405 690	0.8	48 563 716	100.0
1970	19 203 435	33.6	312 474	0.5	27 682 564	48.5	177 662	0.3	9 361 000	16.4	381 710	0.7	57 118 845	100.0
1971	21 611 142	37.8	361 486	0.6	24 355 750	42.6	226 271	0.4	10 230 138	17.9	420 686	0.7	57 205 473	100.0
1972	22 221 385	38.2	272 649	0.5	25 370 316	43.6	198 742	0.3	9 938 312	17.1	234 078	0.4	58 235 482	100.0
1973	23 154 377	38.0	249 655	0.4	27 498 737	45.1	122 915	0.2	9 743 800	16.0	188 506	0.3	60 957 990	100.0
1974	15 946 079	33.6	215 025	0.5	24 397 462	51.4	62 906	0.1	6 701 536	14.1	177 148	0.4	47 500 156	100.0
1975	20 782 433	38.3	124 822	0.2	26 903 227	49.6	68 273	0.1	6 135 682	11.3	279 683	0.5	54 294 120	100.0
1976	19 660 018	33.7	220 771	0.4	31 660 584	54.2	28 296	0.0	6 542 330	11.2	256 444	0.4	58 368 443	100.0
1977	22 962 230	35.3	203 229	0.3	32 560 082	50.0	47 444	0.1	9 069 285	13.9	235 177	0.4	65 077 447	100.0
1978	29 012 903	44.2	151 980	0.2	27 548 104	41.9	71 844	0.1	8 633 793	13.1	252 368	0.4	65 670 992	100.0
1979	26 280 395	39.7	129 700	0.2	29 895 591	45.2	66 073	0.1	9 542 655	14.4	250 132	0.4	66 164 546	100.0
1980	28 256 940	47.4	153 243	0.3	24 017 599	40.3	35 636	0.1	6 875 433	11.5	267 130	0.4	59 605 981	100.0
1981	25 746 229	43.7	152 928	0.3	25 358 357	43.1	29 424	0.0	7 331 337	12.5	232 600	0.4	58 850 875	100.0
1982	25 403 722	51.8	98 017	0.2	17 354 606	35.4	19 708	0.0	6 148 051	12.5	-	-	49 024 104	100.0
1983	24 969 488	49.8	60 119	0.1	18 094 828	36.1	15 555	0.0	7 005 096	14.0	-	-	50 145 086	100.0
1984	24 566 628	45.6	48 805	0.1	21 170 213	39.2	63 079	0.1	8 068 133	15.0	-	-	53 916 858	100.0
1985	17 135 063	40.9	52 827	0.1	17 125 276	40.9	31 751	0.1	7 506 843	17.9	-	-	41 851 760	100.0
1986	17 117 350	41.1	32 222	0.1	16 767 409	40.3	2 114	0.0	7 693 675	18.5	-	-	41 612 770	100.0
1987	19 167 314	44.9	19 899	0.1	16 508 988	38.6	3 785	0.0	7 024 769	16.4	-	-	42 724 755	100.0
1988	16 138 054	37.1	37 693	0.1	20 092 455	46.2	20 842	0.0	7 247 273	16.6	-	-	43 536 317	100.0
1989	12 283 468	30.8	35 556	0.1	20 077 371	50.3	35 159	0.1	7 477 896	18.7	-	-	39 909 450	100.0
1990	12 801 197	32.5	9 175	0.0	19 590 432	49.7	59 501	0.2	6 937 595	17.6	-	-	39 397 900	100.0
TOTAL	589 485 465	37.8	6 116 736	0.4	717 468 700	46.0	4 297 414	0.3	233 998 928	15.0	7 450 270	0.5	1 558 817 513	100.0

SELECTED U.S. GRAINS

1959 - 1990

HISTORICAL TABLE 22W

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	500 995	2.0	1 005 475	4.0	24 709	0.1	414 367	1.7	545 342	2.2	476 250	1.9	176 174	0.7	-	0.0	3 143 312	12.6
1960	708 730	2.7	1 179 312	4.4	77 113	0.3	292 636	1.1	527 659	2.0	831 555	3.1	80 546	0.3	-	0.0	3 697 551	13.9
1961	1 212 859	4.3	1 639 656	5.7	63 469	0.2	93 306	0.3	268 652	0.9	684 336	2.4	77 919	0.3	-	0.0	4 040 197	14.2
1962	835 930	2.6	2 256 378	7.0	247 325	0.8	390 948	1.2	653 913	2.0	984 089	3.1	100 008	0.3	-	0.0	5 468 591	17.0
1963	1 295 850	3.5	2 628 622	7.0	211 086	0.6	86 811	0.2	552 361	1.5	926 919	2.5	85 171	0.2	-	0.0	5 786 820	15.4
1964	812 976	1.7	3 094 063	6.6	71 024	0.2	54 866	0.1	707 295	1.5	1 288 672	2.8	144 532	0.3	-	0.0	6 173 428	13.2
1965	1 111 562	2.3	3 490 078	7.2	34 533	0.1	314 753	0.6	679 480	1.4	1 525 303	3.1	73 143	0.2	-	0.0	7 228 852	14.9
1966	1 614 980	3.0	3 279 749	6.1	93 927	0.2	369 598	0.7	540 456	1.0	1 451 408	2.7	143 134	0.3	-	0.0	7 493 252	13.9
1967	1 150 460	2.4	2 078 406	4.3	45 839	0.1	100 435	0.2	341 078	0.7	1 182 820	2.5	146 391	0.3	-	0.0	5 045 429	10.5
1968	1 536 421	2.9	3 046 469	5.8	39 251	0.1	37 112	0.1	146 427	0.3	1 474 138	2.8	199 074	0.4	-	0.0	6 478 892	12.3
1969	1 238 480	2.6	3 212 055	6.6	24 275	0.0	2 185	0.0	89 807	0.2	1 803 747	3.7	181 402	0.4	-	0.0	6 551 951	13.5
1970	1 556 008	2.7	2 624 246	4.6	864	0.0	203 140	0.4	1 071 347	1.9	2 636 995	4.6	58 710	0.1	-	0.0	8 151 310	14.3
1971	1 435 627	2.5	3 022 373	5.3	124 290	0.2	36 782	0.1	451 185	0.8	2 937 055	5.1	26 088	0.0	-	0.0	8 033 400	14.0
1972	2 219 093	3.8	3 370 984	5.8	3 907	0.0	93 396	0.2	916 693	1.6	1 733 015	3.0	259 647	0.4	-	0.0	8 596 735	14.8
1973	3 500 574	5.7	3 737 030	6.1	593 084	1.0	629 029	1.0	1 230 132	2.0	1 732 946	2.8	5 498	0.0	-	0.0	11 428 293	18.7
1974	1 654 258	3.5	2 702 182	5.7	242 167	0.5	335 765	0.7	342 131	0.7	1 260 124	2.7	100	0.0	-	0.0	6 536 727	13.8
1975	3 576 444	6.6	2 817 664	5.2	3 627	0.0	131 648	0.2	180 361	0.3	1 519 891	2.8	16 803	0.0	-	0.0	8 246 438	15.2
1976	1 588 121	2.7	3 937 714	6.7	3 289	0.0	126 465	0.2	632 981	1.1	1 449 554	2.5	5 743	0.0	-	0.0	7 743 867	13.3
1977	2 969 880	4.6	3 609 062	5.5	-	0.0	125 110	0.2	959 744	1.5	1 688 209	2.6	25 456	0.0	-	0.0	9 377 461	14.4
1978	5 537 514	8.4	5 991 648	9.1	-	0.0	126 331	0.2	287 112	0.4	2 523 762	3.8	11 965	0.0	-	0.0	14 478 332	22.0
1979	4 086 896	6.2	7 267 294	11.0	60 066	0.1	3 698	0.0	316 286	0.5	1 673 725	2.5	-	0.0	-	0.0	13 407 967	20.3
1980	3 645 127	6.1	5 908 633	9.9	137 520	0.2	36 590	0.1	737 423	1.2	1 589 578	2.7	2 215	0.0	1 205 564	2.0	13 262 650	22.3
1981	3 556 271	6.0	3 875 071	6.6	47 253	0.1	27 711	0.0	852 372	1.4	1 749 653	3.0	13 227	0.0	1 301 072	2.2	11 422 630	19.4
1982	2 856 250	5.8	3 049 131	6.2	9 670	0.0	7 057	0.0	371 819	0.8	1 255 533	2.6	14 291	0.0	1 140 147	2.3	8 703 898	17.8
1983	2 824 695	5.6	2 172 662	4.3	23 370	0.0	950	0.0	861 061	1.7	420 768	0.8	1 025	0.0	643 709	1.3	6 948 240	13.9
1984	3 145 207	5.8	2 387 026	4.4	8 401	0.0	3 052	0.0	631 537	1.2	1 016 969	1.9	5 180	0.0	755 960	1.4	7 953 332	14.8
1985	1 958 906	4.7	2 070 840	4.9	-	0.0	-	0.0	170 277	0.4	747 406	1.8	-	0.0	378 552	0.9	5 325 981	12.7
1986	2 371 464	5.7	737 885	1.8	5 500	0.0	-	0.0	332 051	0.8	1 116 132	2.7	31 504	0.1	193 957	0.5	4 788 493	11.5
1987	1 715 846	4.0	1 799 109	4.2	5 207	0.0	14 251	0.0	464 631	1.1	1 125 750	2.6	-	0.0	131 637	0.3	5 256 431	12.3
1988	2 070 330	4.8	2 188 297	5.0	10 410	0.0	-	0.0	599 748	1.4	634 087	1.5	-	0.0	14 106	0.0	5 516 978	12.7
1989	2 203 974	5.5	2 210 458	5.5	7 704	0.0	-	0.0	939 432	2.4	674 795	1.7	-	0.0	-	0.0	6 036 363	15.1
1990	1 871 197	4.7	1 178 090	3.0	-	0.0	-	0.0	846 871	2.1	319 201	0.8	-	0.0	-	0.0	4 215 359	10.7
TOTAL	68 362 927	4.4	93 567 662	6.0	2 218 880	0.1	4 057 992	0.3	18 247 664	1.2	42 434 385	2.7	1 884 946	0.1	5 764 704	0.4	236 539 160	15.2

SELECTED CANADIAN GRAINS

1959 - 1990

HISTORICAL TABLE 23W

WELLAND CANAL SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	3 052 481	12.2	24 563	0.1	3 369	0.0	327 687	1.3	698 005	2.8	67 233	0.3	154 222	0.6	-	0.0	4 327 560	17.3
1960	3 364 993	12.7	32 078	0.1	10 147	0.0	214 487	0.8	763 708	2.9	62 913	0.2	217 404	0.8	-	0.0	4 665 730	17.6
1961	5 335 203	18.7	12 888	0.0	74 403	0.3	219 199	0.8	546 700	1.9	73 346	0.3	197 088	0.7	-	0.0	6 458 827	22.6
1962	3 975 018	12.4	25 399	0.1	115 164	0.4	259 643	0.8	519 692	1.6	47 624	0.1	202 588	0.6	-	0.0	5 145 128	16.0
1963	5 731 909	15.3	12 422	0.0	74 112	0.2	458 664	1.2	678 925	1.8	27 505	0.1	183 045	0.5	-	0.0	7 166 582	19.1
1964	8 084 560	17.3	18 355	0.0	68 230	0.1	376 868	0.8	624 041	1.3	16 645	0.0	241 945	0.5	-	0.0	9 430 644	20.2
1965	6 846 553	14.1	33 348	0.1	43 187	0.1	536 100	1.1	708 379	1.5	56 468	0.1	271 343	0.6	-	0.0	8 495 378	17.5
1966	9 003 989	16.7	19 928	0.0	124 845	0.2	358 176	0.7	792 061	1.5	44 186	0.1	343 131	0.6	-	0.0	10 686 316	19.9
1967	5 489 008	11.5	2 834	0.0	93 722	0.2	352 118	0.7	1 097 249	2.3	70 983	0.1	245 114	0.5	-	0.0	7 351 028	15.3
1968	4 667 740	8.9	50 955	0.1	54 643	0.1	234 842	0.4	499 431	0.9	52 953	0.1	121 357	0.2	-	0.0	5 681 921	10.8
1969	3 618 458	7.5	56 530	0.1	41 762	0.1	242 160	0.5	783 804	1.6	47 266	0.1	214 087	0.4	-	0.0	5 004 067	10.3
1970	6 338 182	11.1	133 504	0.2	48 944	0.1	325 644	0.6	2 763 257	4.8	47 301	0.1	308 495	0.5	-	0.0	9 965 327	17.4
1971	7 442 293	13.0	182 777	0.3	109 676	0.2	339 427	0.6	3 332 398	5.8	54 183	0.1	418 193	0.7	-	0.0	11 878 947	20.8
1972	7 787 568	13.4	105 636	0.2	94 688	0.2	320 082	0.5	3 156 129	5.4	49 489	0.1	344 229	0.6	-	0.0	11 857 821	20.4
1973	7 287 969	12.0	58 277	0.1	69 464	0.1	225 559	0.4	2 083 703	3.4	51 923	0.1	280 167	0.5	-	0.0	10 057 062	16.5
1974	6 731 579	14.2	31 439	0.1	48 841	0.1	119 777	0.3	1 359 424	2.9	31 456	0.1	201 341	0.4	-	0.0	8 523 857	17.9
1975	8 296 470	15.3	307 148	0.6	227 374	0.4	318 006	0.6	2 165 025	4.0	38 489	0.1	121 662	0.2	-	0.0	11 474 174	21.1
1976	7 098 406	12.2	347 485	0.6	107 803	0.2	534 489	0.9	2 486 503	4.3	37 979	0.1	137 343	0.2	-	0.0	10 750 008	18.4
1977	8 900 362	13.7	478 898	0.7	70 291	0.1	440 478	0.7	2 021 235	3.1	26 899	0.0	236 179	0.4	-	0.0	12 174 342	18.7
1978	8 928 112	13.6	661 875	1.0	83 647	0.1	180 776	0.3	2 356 594	3.6	51 681	0.1	266 264	0.4	-	0.0	12 528 949	19.1
1979	6 453 849	9.8	192 457	0.3	142 917	0.2	151 605	0.2	3 092 568	4.7	40 478	0.1	326 338	0.5	-	0.0	10 400 212	15.7
1980	10 649 783	17.9	864 716	1.5	365 406	0.6	277 900	0.5	1 528 904	2.6	78 398	0.1	250 637	0.4	79 005	0.1	14 094 749	23.6
1981	9 009 025	15.3	1 197 690	2.0	351 553	0.6	140 990	0.2	2 332 340	4.0	11 697	0.0	266 766	0.5	58 022	0.1	13 368 083	22.7
1982	11 398 883	23.3	854 334	1.7	259 610	0.5	145 304	0.3	2 945 237	6.0	69 767	0.1	249 093	0.5	2 531	0.0	15 924 759	32.5
1983	12 656 291	25.2	812 484	1.6	109 287	0.2	81 558	0.2	3 015 068	6.0	58 184	0.1	359 750	0.7	-	0.0	17 092 622	34.1
1984	13 124 886	24.3	571 202	1.1	7 257	0.0	61 304	0.1	1 864 689	3.5	84 302	0.2	227 519	0.4	7 056	0.0	15 948 214	29.6
1985	9 720 211	23.2	557 673	1.3	4 350	0.0	35 598	0.1	571 414	1.4	96 921	0.2	339 500	0.8	-	0.0	11 325 667	27.0
1986	9 067 032	21.8	386 886	0.9	32 164	0.1	68 198	0.2	1 650 639	4.0	153 573	0.4	370 568	0.9	-	0.0	11 729 059	28.2
1987	11 085 376	25.9	461 804	1.1	28 893	0.1	95 712	0.2	1 008 599	2.4	148 263	0.3	374 843	0.9	-	0.0	13 203 490	30.9
1988	8 709 022	20.0	248 048	0.6	5 900	0.0	35 889	0.1	528 954	1.2	130 319	0.3	258 288	0.6	-	0.0	9 916 420	22.8
1989	5 071 541	12.7	76 996	0.2	17 679	0.0	18 525	0.1	293 205	0.7	63 650	0.2	236 815	0.6	-	0.0	5 778 411	14.5
1990	7 495 238	19.0	214 589	0.5	5 690	0.0	5 623	0.0	278 472	0.7	45 554	0.1	165 696	0.4	-	0.0	8 210 862	20.8
TOTAL	242 421 989	15.6	9 035 217	0.6	2 895 018	0.2	7 502 388	0.5	48 546 352	3.1	1 937 628	0.1	8 131 010	0.5	146 614	0.0	320 616 216	20.6

SELECTED MINING COMMODITIES

1959 - 1990

HISTORICAL TABLE 24W

WELLAND CANAL SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	4 393 495	17.6	47 685	0.2	6 273 466	25.1	36 051	0.1	90 338	0.4	657 439	2.6	123 676	0.5	73 697	0.3	445 077	1.8
1960	3 988 786	15.0	93 693	0.4	7 127 278	26.9	47 566	0.2	84 575	0.3	825 900	3.1	144 429	0.5	57 014	0.2	363 909	1.4
1961	3 952 358	13.9	143 418	0.5	6 052 849	21.2	66 312	0.2	75 702	0.3	617 811	2.2	191 033	0.7	76 620	0.3	359 189	1.3
1962	4 400 776	13.7	197 771	0.6	9 313 711	29.0	74 940	0.2	106 865	0.3	951 708	3.0	235 666	0.7	59 408	0.2	223 831	0.7
1963	4 571 587	12.2	223 861	0.6	11 572 028	30.9	123 248	0.3	124 216	0.3	890 963	2.4	295 909	0.8	67 554	0.2	239 206	0.6
1964	5 708 589	12.2	231 945	0.5	15 268 481	32.8	128 843	0.3	113 321	0.2	917 628	2.0	308 867	0.7	71 010	0.2	578 142	1.2
1965	6 514 958	13.4	188 384	0.4	14 636 925	30.2	159 466	0.3	146 344	0.3	793 598	1.6	566 073	1.2	-	0.0	630 471	1.3
1966	6 951 322	12.9	215 646	0.4	16 016 776	29.8	167 161	0.3	137 933	0.3	1 285 312	2.4	694 269	1.3	-	0.0	637 493	1.2
1967	7 883 467	16.5	235 822	0.5	15 001 988	31.3	186 582	0.4	20 699	0.0	1 025 [illegible]22	2.1	794 122	1.7	21 882	0.0	752 418	1.6
1968	8 885 333	16.9	314 821	0.6	16 559 190	31.4	223 036	0.4	65 403	0.1	1 337 [illegible]67	2.5	939 264	1.8	-	0.0	670 310	1.3
1969	9 789 435	20.2	279 143	0.6	12 257 905	25.2	220 890	0.5	96 074	0.2	1 195 824	2.5	740 730	1.5	-	0.0	789 455	1.6
1970	9 762 611	17.1	417 710	0.7	14 597 689	25.6	281 217	0.5	115 982	0.2	891 201	1.6	982 450	1.7	-	0.0	633 705	1.1
1971	8 386 062	14.7	453 063	0.8	12 332 418	21.6	288 928	0.5	227 916	0.4	855 599	1.5	1 077 595	1.9	-	0.0	734 170	1.3
1972	9 031 057	15.5	527 918	0.9	12 457 540	21.4	143 742	0.2	119 318	0.2	1 006 819	1.7	1 472 442	2.5	-	0.0	611 480	1.1
1973	7 383 928	12.1	591 467	1.0	15 588 483	25.6	196 070	0.3	34 846	0.1	1 293 970	2.1	1 387 836	2.3	-	0.0	1 022 137	1.7
1974	5 882 132	12.4	445 024	0.9	13 529 443	28.5	263 855	0.6	115 504	0.2	1 307 181	2.8	1 405 854	3.0	76 722	0.2	1 371 748	2.9
1975	7 700 819	14.2	802 834	1.5	14 940 372	27.5	172 852	0.3	269 173	0.5	1 072 232	2.0	1 356 108	2.5	31 576	0.1	557 260	1.0
1976	6 743 696	11.6	1 746 942	3.0	19 549 492	33.5	250 932	0.4	294 387	0.5	996 977	1.7	1 507 482	2.6	43 742	0.1	526 934	0.9
1977	6 734 179	10.3	2 101 541	3.2	19 926 554	30.6	333 665	0.5	289 440	0.4	1 013 613	1.6	1 489 821	2.3	14 309	0.0	656 959	1.0
1978	5 408 206	8.2	2 525 771	3.8	15 679 922	23.9	195 022	0.3	84 801	0.1	1 318 178	2.0	1 386 969	2.1	7 214	0.0	942 021	1.4
1979	7 790 521	11.8	2 502 543	3.8	15 118 140	22.8	261 667	0.4	313 224	0.5	1 522 882	2.3	1 492 636	2.3	152 891	0.2	741 087	1.1
1980	7 292 903	12.2	1 434 884	2.4	11 417 850	19.2	276 158	0.5	215 696	0.4	1 153 395	1.9	1 417 627	2.4	157 181	0.3	651 905	1.1
1981	6 543 019	11.1	971 038	1.6	13 735 690	23.3	198 725	0.3	224 838	0.4	1 050 200	1.8	1 762 967	3.0	28 233	0.0	843 647	1.4
1982	7 141 242	14.6	756 836	1.5	7 016 008	14.3	142 492	0.3	130 449	0.3	115 435	0.2	1 419 270	2.9	3 013	0.0	629 861	1.3
1983	5 494 597	11.0	683 081	1.4	9 229 290	18.4	76 849	0.2	203 063	0.4	402 008	0.8	1 455 070	2.9	-	0.0	550 870	1.1
1984	6 603 148	12.2	858 598	1.6	10 088 727	18.7	157 206	0.3	318 736	0.6	537 791	1.0	1 725 967	3.2	-	0.0	880 040	1.3
1985	5 807 694	13.9	921 887	2.2	6 788 799	16.2	162 410	0.4	176 291	0.4	815 313	1.9	1 521 180	3.6	-	0.0	931 702	2.2
1986	5 775 521	13.9	993 268	2.4	5 839 484	14.0	161 366	0.4	82 436	0.2	1 005 908	2.4	1 882 656	4.5	-	0.0	1 026 770	2.5
1987	5 644 283	13.2	822 061	1.9	6 180 641	14.5	164 766	0.4	89 372	0.2	889 303	2.1	1 766 446	4.1	-	0.0	952 116	2.2
1988	7 029 061	16.1	1 638 341	3.8	7 083 883	16.3	240 823	0.6	226 492	0.5	1 007 689	2.3	1 672 709	3.8	-	0.0	1 193 457	2.7
1989	6 321 198	15.8	1 412 270	3.5	7 293 840	18.3	215 214	0.5	241 749	0.6	1 187 261	3.0	2 176 005	5.5	-	0.0	1 229 834	3.1
1990	6 265 959	15.9	1 037 047	2.6	7 483 022	19.0	229 581	0.6	214 373	0.5	1 781 577	4.5	1 513 195	3.8	-	0.0	1 065 678	2.7
TOTAL	211 781 942	13.6	25 816 313	1.7	375 957 884	24.1	5 847 635	0.4	5 049 556	0.3	31 724 104	2.0	36 906 323	2.4	942 066	0.1	23 442 882	1.5

SELECTED PROCESSED COMMODITIES

1959 - 1990

HISTORICAL TABLE 25W

WELLAND CANAL SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%	Tonnes	%
1959	259 174	1.0	750 131	3.0	128 333	0.5	100 623	0.4	95 169	0.4	344 447	1.4	130 717	0.5	226 152	0.9	1 974 079	7.9
1960	279 785	1.1	667 419	2.5	121 873	0.5	102 158	0.4	49 435	0.2	544 917	2.1	110 935	0.4	523 161	2.0	1 758 693	6.6
1961	283 635	1.0	754 062	2.6	109 633	0.4	92 682	0.3	222 802	0.8	418 834	1.5	86 574	0.3	1 141 582	4.0	1 996 052	7.0
1962	192 190	0.6	808 841	2.5	127 568	0.4	116 512	0.4	144 569	0.5	539 807	1.7	128 126	0.4	219 056	0.7	1 939 207	6.0
1963	176 450	0.5	701 034	1.9	134 464	0.4	106 442	0.3	117 196	0.3	672 541	1.8	126 041	0.3	266 688	0.7	2 358 358	6.3
1964	208 715	0.4	836 498	1.8	224 280	0.5	124 082	0.3	224 232	0.5	1 004 994	2.2	112 821	0.2	361 783	0.8	2 304 690	4.9
1965	235 011	0.5	956 654	2.0	177 131	0.4	116 799	0.2	278 403	0.6	2 525 184	5.2	149 874	0.3	116 774	0.2	2 507 331	5.2
1966	244 868	0.5	954 253	1.8	216 195	0.4	106 094	0.2	298 780	0.6	2 540 418	4.7	106 018	0.2	159 264	0.3	2 689 511	5.0
1967	285 033	0.6	1 086 671	2.3	263 173	0.5	93 715	0.2	209 568	0.4	2 841 508	5.9	84 527	0.2	386 912	0.8	2 244 505	4.7
1968	257 688	0.5	1 174 870	2.2	230 350	0.4	107 159	0.2	220 931	0.4	4 709 013	8.9	20 978	0.0	395 731	0.8	2 475 265	4.7
1969	352 033	0.7	1 146 095	2.4	292 246	0.6	138 931	0.3	216 571	0.4	3 803 564	7.8	125 564	0.3	1 127 054	2.3	2 565 835	5.3
1970	233 117	0.4	1 372 448	2.4	268 746	0.5	136 366	0.2	274 315	0.5	3 750 360	6.6	174 137	0.3	825 524	1.4	2 325 988	4.1
1971	151 885	0.3	1 113 684	1.9	319 204	0.6	133 471	0.2	107 710	0.2	5 424 560	9.5	160 319	0.3	229 508	0.4	2 589 796	4.5
1972	164 688	0.3	1 249 948	2.1	364 950	0.6	146 998	0.3	157 159	0.3	4 765 548	8.2	164 883	0.3	384 742	0.7	2 539 394	4.4
1973	114 049	0.2	1 956 435	3.2	378 719	0.6	138 512	0.2	129 732	0.2	3 654 937	6.0	219 954	0.4	804 954	1.3	2 346 508	3.8
1974	152 956	0.3	1 069 157	2.3	302 171	0.6	108 596	0.2	118 717	0.2	2 980 512	6.3	221 674	0.5	112 933	0.2	1 634 820	3.4
1975	155 079	0.3	1 032 553	1.9	343 033	0.6	130 026	0.2	111 620	0.2	2 012 942	3.7	191 466	0.4	559 475	1.0	1 599 488	2.9
1976	211 048	0.4	725 982	1.2	395 371	0.7	95 209	0.2	114 773	0.2	2 673 885	4.6	165 553	0.3	415 016	0.7	1 745 493	3.0
1977	110 002	0.2	958 013	1.5	450 723	0.7	101 782	0.2	148 565	0.2	4 715 500	7.2	222 796	0.3	354 157	0.5	2 007 746	3.1
1978	105 257	0.2	910 793	1.4	577 389	0.9	158 056	0.2	231 298	0.4	3 398 295	5.2	412 708	0.6	590 828	0.9	2 249 189	3.4
1979	232 261	0.4	1 674 771	2.5	600 267	0.9	180 811	0.3	122 742	0.2	2 888 762	4.4	575 536	0.9	545 474	0.8	2 722 031	4.1
1980	173 677	0.3	1 664 553	2.8	599 824	1.0	281 625	0.5	192 653	0.3	1 308 997	2.2	295 897	0.5	674 072	1.1	1 684 135	2.8
1981	150 538	0.3	1 821 541	3.1	594 420	1.0	253 467	0.4	191 674	0.3	2 390 026	4.1	285 501	0.5	63 453	0.1	1 580 717	2.7
1982	173 991	0.4	1 072 472	2.2	687 433	1.4	210 657	0.4	141 993	0.3	1 730 220	3.5	237 573	0.5	421 573	0.9	1 472 139	3.0
1983	218 092	0.4	835 488	1.7	508 286	1.0	252 866	0.5	150 896	0.3	2 782 095	5.5	409 794	0.8	366 974	0.7	1 480 605	3.0
1984	251 160	0.5	678 186	1.3	505 130	0.9	130 189	0.2	218 538	0.4	3 962 917	7.4	531 399	9.9	325 725	0.6	1 053 561	2.0
1985	141 601	0.3	628 613	1.5	607 910	1.5	170 520	0.4	89 263	0.2	3 094 923	7.4	309 120	0.7	753 927	1.8	1 710 966	4.1
1986	186 564	0.4	603 625	1.5	776 373	1.9	225 014	0.5	71 730	0.2	2 850 070	6.8	347 080	0.8	782 966	1.9	1 850 273	4.4
1987	97 982	0.2	569 051	1.3	627 657	1.5	159 538	0.4	104 815	0.2	2 674 513	6.2	549 874	1.3	372 318	0.9	1 869 021	4.4
1988	126 537	0.3	669 756	1.5	801 269	1.8	112 888	0.3	82 921	0.2	3 034 185	7.0	488 672	1.1	364 658	0.8	1 586 387	3.6
1989	275 681	0.7	637 605	1.6	864 621	2.2	34 820	0.1	65 164	0.2	3 092 789	7.7	367 748	0.9	313 738	0.8	1 825 750	4.6
1990	223 997	0.6	938 742	2.4	684 828	1.7	87 502	0.2	66 500	0.2	2 764 197	7.0	407 310	1.0	389 092	0.9	1 395 427	3.5
TOTAL	6 424 744	0.4	32 019 944	2.1	13 283 570	0.9	4 454 110	0.3	4 970 434	0.3	85 895 440	5.5	7 921 149	0.5	14 555 264	0.9	64 062 940	4.1

CARGO TONNES BY ORIGIN - DESTINATION
1959 - 1990

HISTORICAL TABLE 26W

WELLAND CANAL SECTION

FROM:	UPBOUND						DOWNBOUND						TOTAL
	CANADA		U.S.A.		OVERSEAS		CANADA			U.S.A.			
TO:	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.	Overseas	Canada	U.S.A.	Overseas	
1959	1 115 120	6 297 065	82 953	293 306	59 305	918 351	4 802 355	80 567	469 049	7 716 059	615 268	2 531 346	24 980 744
1960	1 128 138	5 241 759	40 376	282 613	100 504	802 209	4 937 327	30 655	775 128	8 998 712	663 453	3 533 996	26 534 870
1961	1 205 974	4 552 848	15 654	235 570	60 978	884 925	6 947 102	3 116	692 425	9 254 630	637 266	4 044 828	28 535 316
1962	1 250 787	7 202 802	-	282 513	51 899	1 048 921	5 786 420	20 879	594 116	10 687 787	671 072	4 522 862	32 120 058
1963	1 065 020	9 095 379	8 336	316 217	97 118	1 349 650	7 506 977	4 812	703 837	13 089 601	580 084	3 652 653	37 469 894
1964	1 135 279	13 401 801	-	301 867	165 850	1 815 631	9 918 392	18 571	671 260	13 549 111	568 197	5 072 913	46 618 872
1965	1 273 324	12 954 679	9 381	264 360	159 469	3 435 873	8 886 907	55 770	955 760	14 281 667	550 077	5 634 702	48 461 969
1966	1 504 250	14 897 621	6 616	240 780	156 800	3 667 671	11 442 371	64 470	826 390	14 012 718	652 542	6 298 120	53 770 349
1967	1 347 421	14 753 687	-	233 488	109 606	3 880 620	7 723 016	24 269	1 113 772	12 962 617	673 354	5 086 043	47 907 893
1968	1 443 938	16 082 652	18 693	271 751	159 138	5 775 299	7 109 710	33 599	672 237	15 050 893	551 672	5 514 910	52 684 492
1969	1 545 655	11 224 129	-	243 235	234 364	4 332 753	7 125 220	3 281	554 247	16 488 126	530 487	6 282 219	48 563 716
1970	1 459 051	13 266 645	-	197 167	169 398	4 115 657	12 761 329	21 187	928 721	17 603 899	597 265	5 998 526	57 118 845
1971	1 250 914	11 646 945	14 148	124 038	274 450	6 281 135	14 119 566	22 429	1 426 486	13 424 330	553 492	8 067 540	57 205 473
1972	1 529 106	11 598 189	3 062	122 100	253 882	5 653 843	14 209 642	31 694	1 543 663	14 027 283	482 875	8 780 143	58 235 482
1973	1 360 819	15 191 099	16 010	133 894	263 484	4 548 125	13 044 640	56 629	1 064 502	15 969 464	383 701	8 925 623	60 957 990
1974	1 115 237	12 989 535	14 825	105 871	127 623	3 926 881	11 408 373	40 526	1 153 118	12 040 674	266 985	4 310 508	47 500 156
1975	1 063 176	12 937 855	6 960	91 465	152 129	2 885 990	14 276 732	187 201	1 032 563	15 300 479	245 823	6 113 747	54 294 120
1976	793 973	18 007 031	-	80 512	182 936	4 221 402	13 559 582	64 018	1 214 787	13 707 867	262 542	6 273 793	58 368 443
1977	1 170 445	19 005 288	-	48 250	280 044	6 862 860	15 025 766	112 987	1 509 578	13 082 569	232 512	7 747 148	65 077 447
1978	832 691	13 610 818	69 081	90 068	352 631	6 302 488	15 439 037	130 255	1 715 041	15 531 028	265 653	11 332 201	65 670 992
1979	713 125	13 958 502	32 339	85 347	295 577	5 201 260	14 731 414	218 802	1 804 230	19 052 463	185 848	9 885 639	66 164 546
1980	858 093	9 054 074	-	72 106	237 349	1 764 726	16 674 572	415 745	2 796 075	20 154 080	439 287	7 139 874	59 605 981
1981	995 939	12 139 082	-	47 526	490 256	2 929 077	15 787 684	568 445	2 564 578	17 282 339	196 683	5 849 266	58 850 875
1982	401 542	5 772 584	13 788	2 817	304 437	2 249 304	17 634 072	366 136	2 370 138	13 795 173	132 747	5 901 366	49 024 104
1983	768 254	7 919 235	11 037	23 119	321 833	3 261 849	19 277 286	235 853	1 985 059	10 333 512	130 482	5 877 567	50 145 086
1984	710 699	8 142 640	10 538	16 693	446 830	4 752 393	18 286 055	393 063	1 700 224	12 851 014	93 878	6 512 831	53 916 858
1985	660 510	6 159 577	14 354	21 155	349 026	3 682 879	13 012 693	574 427	1 408 901	10 685 635	25 667	5 256 936	41 851 780
1986	685 615	5 421 405	25 806	42 203	385 297	3 663 704	13 740 632	373 826	1 535 231	9 956 539	80 212	5 702 300	41 612 770
1987	826 032	6 708 652	34 818	20 893	403 273	3 436 375	14 652 471	381 343	1 726 559	9 341 713	34 030	5 158 596	42 724 755
1988	1 021 144	6 877 770	21 078	21 305	806 021	3 616 674	11 780 819	387 883	1 733 560	12 464 213	64 567	4 741 283	43 536 317
1989	1 294 121	7 133 803	7 280	45 773	375 159	3 256 972	8 110 039	278 393	1 641 103	13 277 162	91 972	4 397 673	39 909 450
1990	569 832	8 171 666	9 300	14 969	312 009	2 883 689	10 545 865	457 924	1 430 581	11 843 025	30 188	3 128 852	39 397 900
TOTAL	34 175 224	341 416 817	486 433	4 372 971	8 138 675	113 409 186	380 264 066	5 658 755	42 312 919	427 816 582	11 489 881	189 276 004	1 558 817 513